

DEC-2024

THE SHRIRAM
BULLETIN
Monthly News Letter

**Five Days Workshop on
“MERN STACK”**

**International Webinar on
Global Opportunities
in Pharmacy**

**Visits
and
Excursions**

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WORKSHOPS: -Two days workshop on Experimental Pharmacology

Shriram College of Pharmacy successfully hosted a 2-day workshop on Experimental Pharmacology, fostering excellence in pharmaceutical education and research which was organized on 02 & 03 December 2024. It was Coordinated by Dr. Saloni Jain , Prof Ravindra Mishra, Prof Nitin Solanki . Kudos to all participants and organizers for making it a grand success!

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Highlights of



2 Days
WORKSHOP
on Experimental Pharmacology

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"In December, people give generously, love deeply, and reflect on the beauty of togetherness".

"Empowering young minds through impactful communication"

A workshop was organized on 10 December on "Empowering young minds through impactful communication" for the students of B. Tech CS I-Sem to share their thoughts on crucial topics like Child Labour, Girl Child Education, Deforestation, and the Value of Sports. Students participated enthusiastically and shed away their fears making mike their friend. Around 75 students participated. It was organised by Prof. Alka Chaturvedi to enhance communication skills and develop fluency in English.

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Glimpses of
Communication - Hands on Practice
B.Tech CS I Sem Students
Topics- Child Labour, Girl Child Education,
Deforestation, Value of Sports.



Organised by:
Basic Science and Humanities, SRIIT

Coordinated by
Prof. Alka Chaturvedi

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5 Days Workshop on MERN STACK:-

A five day workshop as organised from 16-20 December 2024 at Shriram Institute of Information Technology! It was organized by the Department of CSE/AIDSE. The workshop showcased hands-on learning and skill-building opportunities for aspiring developers. The trainer Mr Rohit Bhadoria focused on web application, Node JS AND JavaScript. Around 70 students benefitted from it. Prof. Sandeep Sharma enthusiastically coordinated the program and ensured its success.

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Successful Completion of
5 Days Workshop
 on
MERN STACK

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Glimpses of
One Day Workshop
 on
CPR : Training and Practice

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Workshop on CPR Training and Practice

A Workshop on CPR trainings was conducted on 2nd December. Prof. Feraan Singh prepared the students for a healthier and safer future!

Engine Heat Management

A successful one-day workshop was organized by the Department of Mechanical Engineering on Exploring innovative solutions in Engine Heat Management at Shri Ram Institute of Information Technology.

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Key Takeaways from the
One-Day Workshop
 on
"Engine Heat Management"

Organized by: **Department of Mechanical Engineering**

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The Art of of powerful public speaking!

An interactive session on The Art of Public Speaking was conducted by Prof. Alka Chaturvedi, Dean Training and Development at Shriram Institute of Information Technology. It helped the students to gain confidence, conquer stage fright, and learn how to draft and deliver impactful speeches. Students learnt and participated enthusiastically. Many games were organized to enhance speaking abilities of the students. It was coordinated by Dr. Anamika Upadhyay, the event on 24th Dec 2024 was all about enhancing communication skills and building confidence.

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 National Expressway, A.B. Road, Banmore Near Gwalior (M.P.)

Interactive SESSION
 on
The Art of Public Speaking

24th DEC, 2024
 Time: 2:00 PM Onwards

Venue: Dr. APJ Abdul Kalam Seminar Hall

TRAINER
Prof. Alka Chaturvedi
 (Dean, Training & Development, SRGOC)

Exclusively for
 CSE I Sem Students (Batch A & B)

Coordinator: Dr. Anamika Upadhyay

For more Details ☎ 9109035202, 9755265202 www.shriraminstitute.ac.in

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Glimpses of
Guest Lecture
 on
How to crack the GPAT and Govt Pharmacist Exam.

EXTENDS HEARTIEST WELCOME
 75th Year of Excellence

By **Ajay Pratap Singh**
 Pharmacist Army Medical Corps,
 Military Hospital, Nagpur

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How to crack the GPAT and Government Pharmacist Exam:-An insightful session at Shriram College of Pharmacy was held on 17 December 2024 on "How to crack the GPAT and Government Pharmacist Exam" conducted by Ajay Pratap Singh, Pharmacist, Army Medical Corps, Military Hospital, Nagpur. It was a great opportunity for aspiring pharmacists to gain expert guidance and crack competitive exams! It was coordinated by Prof. Naveen tripathi.

One-Day Workshop
 on
"Engine Heat Management"

Organized by: Department of Mechanical Engineering

Key Tips to Crack GATE

An impactful seminar on "Empowering students with Key Tips to Crack GATE exam" by Prof. Sanjay Bhatele was organized at Shriram Institute of Information Technology, held on 23rd December 2024.

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International Webinar on Global Opportunities in Pharmacy

With the aim to Empower students with global insights and opportunities for a brighter future in pharmacy. A webinar was conducted for the students of SRCP by renowned Dr. Akram Ahmad at Shriram College of Pharmacy!

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Highlights of
International Webinar

on
Global Opportunities in Pharmacy
 featuring Renowned Dr. Akram Ahmad



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Interactive session

on
"Career in Industry"

By Industry Experts

Mr. Arunesh Bhadoriya
 AGM Jamna Auto Industries
 Malanpur



Jamna Auto Industries Ltd.

Mr. R.K. Shukla
 SR. Production Manager
 Jamna Auto Industries
 Malanpur



Organized by: ShriRam Industry Interaction Cell.

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Career in Industry:-"An insightful interactive session on 'Career in Industry' by experts Mr. Arunesh Bhadoriya AGM Jamna Auto Industries Ltd. and Mr. R.K. Shukla Sr. Production Manager Jamna Auto Industries Ltd. was organised on for the student of SRGOC. , The expert guided and motivated the future professionals at the institute.

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Glimpses of

Group Discussion

MBA I and MBA II Year Studetns

Held on 19th December 2024



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"Engaging young minds in thought-provoking discussions"

The students of MBA showcased their ideas and teamwork during a Group Discussion on Climate Change and its Impact They participated enthusiastically on 19 December in GD Session Organized by Prof Alka Chaturvedi on various topics. GD enhanced their knowledge , shed away their fear of speaking making their commnication stronger . Around 80 students participated in it .

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Visits and Excursions

Industrial visit in Sai Phytoceuticals pvt ltd Malanpur Industrial area The Industrial visit was organized on 5 December 2024 by Prof Naveen Tripathi It was an enriching experience for the students during the industrial visit to Sai Phytoceuticals Pvt. Ltd. at Malanpur.

Excursion -Agra

A one day trip was organised to Agra by the ECE Deptt. on 29 December 2024 .Around 30 students enjoyed and learnt about the famous city and various monuments. Two faculty members Prof. Roopam Saxena and Prof. Sandeep escorted the students . They Visited the Taj Mahal, exploring its architecture, history, and cultural significance. They also Visited Agra Fort, a UNESCO World Heritage Site, and explore its impressive architecture and historical importance The trip aimed to enhance cultural visit, understanding historical importance, provide a historical learning experience, foster teamwork and camaraderie. The students returned gaining knowledge,experience and loving memories of he trip.

Visit to Manali

MBA 2nd-year students embark on an educational journey to the beautiful Manali. Learning beyond classrooms!



Simplicity of
Exploring Knowledge and Adventure
MBA 2nd Year Students
Education **Tour to Manali**
Date - 06 to 11 December-2024



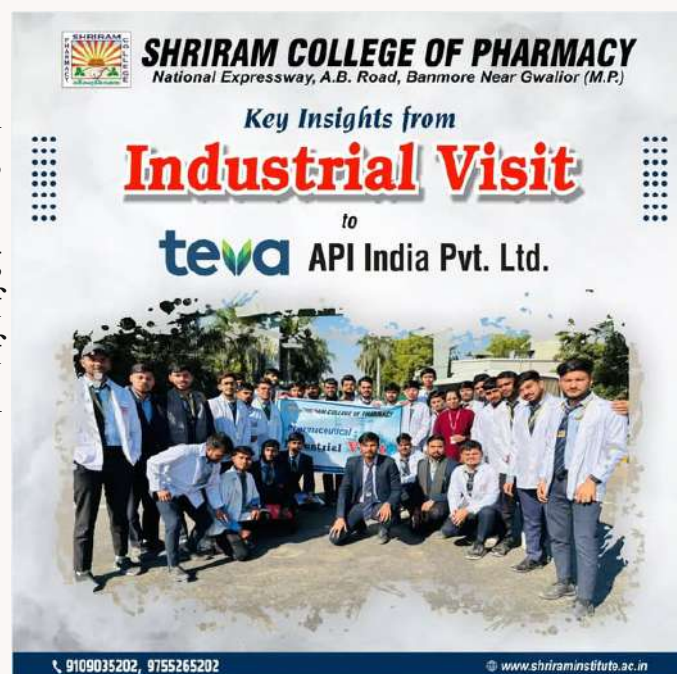
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Industrial visit Teva API India Pvt. Ltd.

Bridging the gulf between Theory and Practical learnings! An enriching experience for our students during the industrial visit to Sai Phytoceuticals Pvt. Ltd. at Malanpur on 14 December 2024 ! Learning beyond the classroom at Shriram College of Pharmacy. "Students of Shriram College of Pharmacy gain valuable industry insights during an industrial visit to Teva API India Pvt. Ltd.



Achievements

Career Mantra:-

We are thrilled to announce the successful completion of the campus placement drive conducted by Career Mantra, which resulted in 18 remarkable selections! This achievement is a testament to the dedication of our students and the invaluable opportunities provided by Career Mantra. We extend our heartiest congratulations to all the selected students and wish them great success in their professional journeys. A big thank you to Career Mantra for recognizing the potential of our students and giving them this incredible opportunity.



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PUBLICATIONS:- “Evaluation of Anti-hypertensive Activity of Methanolic Leaf”
Congratulations on the research article being Published on Evaluation of Anti-hypertensive Activity of Methanolic Leaf in Scopus indexed journal on 07-12-2024 .Congratulations to our M.Pharm Student Mr Aditya Gaur under the supervision of Dr. Saloni Jain, Prof. Ravindra Mishra & Dr.Vinay Jain for publishing a research article on Evaluation of Antihypertensive Activity of Methanolic Leaf in scopus indexed journal

Nanotechnology Perceptions
ISSN 1660-4795
www.nano-rtg.com

In-vivo Evaluation of Antidiabetic Activity of Polyherbal Extract (Allium Sativum, Ziziphus Mauritanian & Delonix Regia) In Wister Rats.

Deepti Gaur¹, Ravindra Mishra^{2*}, Vinay Jain³

¹Scholar, M. Pharma, Pharmacology, Shriram College of Pharmacy, Banmore, Morena
²Associate Professor Department of Pharmacology, Shriram College of Pharmacy, Banmore, Morena
³Principal, Department of Pharmacognosy, Shriram College of Pharmacy, Banmore, Morena

Conflict of interest

The authors declare that they have no conflict of interest.

*Corresponding author: Mr. Ravindra Mishra

Associate professor

Department of Pharmacology, Shriram College of Pharmacy,

Banmore, Morena, M.P -476444

Email: Ravindra.mishra1412@gmail.com

Abstract

In order to manage type-II diabetes mellitus, the current study assesses the antidiabetic potential of a polyherbal extract made of Delonix regia (flame tree), Ziziphus mauritiana (Indian jujube), and Allium sativum (garlic). Although earlier studies have demonstrated the effectiveness of these herbs alone in the treatment of diabetes, this study concentrated on their combined effects. Streptozotocin-induced diabetic Wistar rats were given different quantities of the polyherbal extract, and the results were compared to a group that received normal antidiabetic medication treatment. According to the results, the polyherbal combination considerably lowered blood glucose levels and lessened the negative symptoms of hyperglycemia. Additionally, rats treated with the polyherbal extract displayed a considerable improvement in body weight, suggesting its potential to ameliorate diabetes-related weight loss. The bioactive substances in these herbal extracts worked together to improve overall physiological function and improve glycemic management. In addition to highlighting the advantages of polyherbal formulations as an alternative to traditional treatment, this study reveals the synergistic therapeutic effects of Allium sativum, Ziziphus mauritiana, and Delonix regia in the management of diabetes.

Keywords:- Antidiabetic activity, Polyherbal extract, Allium sativum, Ziziphus mauritiana, Delonix regia, Type-II diabetes mellitus, Hyperglycemia.

Introduction

Nearly 6% of people worldwide suffer from diabetes mellitus, one of the most prevalent diseases, and its dynamics are fast shifting in low- and middle-income nations. The International Diabetes Federation (IDF) projects that by 2030, low- and middle-income nations will account for 80% of the world's diabetes population. According to the IDF 2011 study, there are currently 90.6, 61.3, and 23.7 million diabetics in China, India, and the United States of America, respectively. By 2030, that number might rise to 129.7, 101.2, and 29.3 million. One of the six leading causes of death worldwide, diabetes also results in several systemic problems. Alpha-glucosidase inhibitors, sulfonylureas, biguanides, and thiazolidinediones are examples of glucose-lowering medications used to treat diabetes mellitus, as is hormone treatment (insulin). Many research institutes and pharmaceutical corporations are interested in drug development to uncover molecules with strong therapeutic potential and fewer adverse events because the development of an adverse event is one of the problems in the treatment of any systemic condition. 3.47.0% of hospital admissions in the United States are caused by adverse drug reactions, which affect 102.5 percent of patients.

Evaluation of Antihypertensive Activity of Methanolic Leaf Extract of Adina cordifoliausing a Fructose-Induced Hypertensive Rat Model

Aditya Gaur¹, Ravindra Mishra^{2*}, Saloni Jain³, Vinay Jain³

¹ Scholar M. Pharma, Pharmacology, Shriram College of Pharmacy, Banmore, Morena
² Associate Professor Department of Pharmacology, Shriram College of Pharmacy, Banmore, Morena
³ Principal, Department of Pharmacognosy, Shriram College of Pharmacy, Banmore, Morena

Conflict of interest

The authors declare that they have no conflict of interest.

*Corresponding author

Mr. Ravindra Mishra

Associate professor

Department of Pharmacology, Shriram College of Pharmacy,

Banmore, Morena, M.P -476444

Email: Ravindra.mishra1412@gmail.com

Abstract

A common cardiovascular condition, hypertension remains a major global public health concern. Using an in-vivo method, this study sought to assess the methanolic extract made from Adina cordifolia leaves' possible anti-hypertensive properties. Male Wistar rats were split up into groups and given varied amounts of the methanolic extract. The non-invasive tail-cuff method was used to test blood pressure at regular intervals after extract administration. Biochemical measures such as lipid profiles and kidney function tests were also evaluated to determine the extract's safety and effectiveness. Rats given the extract showed a dose-dependent drop in blood pressure, with the systolic and diastolic blood pressures much lower than those of the control group. Additionally, the extract showed no discernible negative effects on renal function or lipid profile, suggesting it may be safe for therapeutic use. These results imply that Adina cordifolia Linn's methanolic extract has encouraging anti-hypertensive qualities, indicating the need for additional research into its potential as a treatment for hypertension.

Key Words: Adina cordifolia, hypertension, methanolic extract, in-vivo study, anti-hypertensive activity, Wistar rats, blood pressure.

1. INTRODUCTION

Hypertension, a menace to the cardiovascular system, is depicted by prolonged blood pressure higher than the generally approved normal maximum level for a particular age group (Solomon and Emelke, 2014). It is globally seen as a major cause of death among adults due to associated complications including coronary heart disease, stroke, sudden cardiac arrest, congestive heart disease, renal insufficiency, and aneurysm, among others (Esk, 2006). In recent times, hypertension and other related cardiovascular diseases have become a major public health concern in both developed and developing countries; because it is a silent killer and it has no early significant symptoms. The prevalence of the disease and its related conditions has been identified to be emerging in developing countries as recorded for developed countries (Grosskur, 2019). This is due to an increase in contributing factors of lifestyle and genetic traits such as obesity, unhealthy diet intake, lack of physical activity, and increased alcohol intake (Yoshihiro et al., 2019).

Paper Publication:-A research article on In-vivo Evaluation of anti-diabetic activity of polyherbal extract in "Nanotechnology perceptions" was published on 19 December 2024. Congratulations to our M.Pharm student Ms. Deepti Gaur under the supervision of Prof. Ravindra Mishra & Dr.Vinay Jain for publishing a research article on In-vivo Evaluation of anti-diabetic activity of polyherbal extract in "Nanotechnology perceptions" (Scopus indexed journal).

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Congratulations

Congratulations to Dr. Pankaj Sharma for receiving the prestigious Publication Reward from the honorable management of Shriram College of Pharmacy. Your hard work and dedication inspire us all!

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Congratulations
Dr. Pankaj Sharma
 for Receiving Publication Reward
 from Honorable Management

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Congratulations

Dr. Shweta Chauhan
 Assistant Professor

For being Awarded
PhD
 from Jiwaji University Gwalior

Department of Commerce and Management

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"Heartiest Congratulations to Prof. Aditi Bhardwaj for receiving a well-deserved Publication Reward from the honorable management of SRIIT! Your dedication and achievements inspire us all.

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Congratulations
Prof. Aditi Bhardwaj
 for Receiving Publication Reward
 from Honorable Management

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Heartiest congratulations to Dr. Shweta Chauhan, Assistant Professor, for achieving her PhD from Jiwaji University, Gwalior, in the Department of Commerce and Management. Wishing her continued success and new milestones in her academic journey!

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Placements

Congratulations to **Sunny Pal** for securing a great opportunity with Krutanic Solutions! Proud moment for the MBA branch at SRIIT with a stellar package of 6.4 LPA.

Congratulations to **Ajeet Pal**, B.Tech (ME) Final Year student of SRIIT, for securing a placement in Rajhans E-Vehicle with an impressive package of 6 LPA.

Congratulations to **Rizwan Usmani** for securing a stellar placement with Rajhans E-Vehicle at an impressive package of 6 LPA.

Congratulations to **Anchal Dubey** from the MBA Final Year for securing placement at Krutanic Solutions with a package of 6.4 LPA.

Wishing you great success ahead.

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Congratulations

SUNNY PAL
Branch: MBA

Selected in

KRUTANIC SOLUTIONS

Package
6.4 LPA

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Congratulations

Anchal Dubey
Branch: MBA Final Year

Selected in

KRUTANIC SOLUTIONS

Package
6.4 LPA

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Congratulations

Ajeet Pal
B.Tech, ME Final Year

Selected in

RAJHANS
Rajhans E-vehicle

Package
6 LPA

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T&P Cell, SRIIT

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Congratulations

Rizwan Usmani
B.Tech, ECE, Final Year

Selected in

RAJHANS
Rajhans E-vehicle

Package
6 LPA

Powered By:
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Congratulations

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Banmore

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Thank you!