VEPA 2018 2019

THE VIJAYA PHARMACY

SRK FOUNDATION
ENIKEPADU, VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA, A.P.

Pharmacist's Oath

I Swear by the code of Ethics of Pharmacy Council of India in relation to the community and shall acts as an integral part of health care team.

I shall uphold the laws and standards governing my profession.

I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.

I shall follow the system, which I consider best for pharmaceutical care and counselling of patients.

I shall endeavour to discover and manufacture drugs of quality to alleviate sufferings of humanity.

I shall hold in confidence the knowledge gained about the patients in connection with my professional practice and never divulge unless compelled to do so by the law.

I shall associate with organizations having their objectives for betterment of the profession of Pharmacy and make contribution to carry out the work of those organizations.

While I continue to keep this Oath unviolated, may it be granted to me to enjoy life and the practice of pharmacy respected by all, at all times!

Should I trespass and violate this oath, may the reverse be my lot!

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A Great Visionary...

" Siddhirbhavati Karmaja Success is Born of Action "

Sri Boyapati S. Appa Rao
Founder Chairman

Sri Boyapati Srinivasa Appa Rao is an eminent industrialist with expertise in the field of education. As mechanical engineer, he started various industrial units for manufacturing cement machinery, agricultural implements, special casting and electrical distribution transformers. He is the initiator to come up with the first vegetable cold storage of its kind in Andhra Pradesh. He served as the president of A. P. Small Scale Industries Association. He rendered his services as member of Central Small Scale Industries Advisory Board and State Small Scale Industries Advisory Board.

He is instrumental in establishing Siddhartha Academy of General & Technical Education by being one its founders, and promoted various educational institutions to rise to excellence. He is actively associated with the Private Engineering Colleges' Association from its inception in 1980, which addresses the various problems faced by the private managements and served the association as President for six years.

As one of the pioneering educationists of the city, Sri B.S. Appa Rao laid the foundation for S.R.K. Group of Institutions aiming to develop them as model institutions for enhancing the quality of education and research. The Research and Development wing inculcates scientific outlook, humanism, the spirit of equity and reform among the student community. His objective is to produce world class engineers, pharmacists and business managers endowed with human values to serve the society. He aims at promoting women empowerment through Vijaya Group of Institutions established exclusively for women, making young women participatory in societal transformation.

He acts as a guiding force behind the enviable success of S.R.K. Foundation. The Foundation's ascent to prominence in such a short span can be attributed to his strong will power, caliber, conviction, and dynamic leadership, in pursuing his objective to bridge the gap between industry and educational institutions.

His achievements and experiences speak more than words. He believes in the philosophy of education that envisages a complete man, in harmony with tradition and technology. He is endowed with an indomitable spirit to perceive a better world by realizing his vision.

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A Tribute to ....

"Yatra Naryastu Poojyante, Ramante Tatra Devatha"

Smt. Boyapati Vijaya Lakshmi
Member, SRK Foundation

Smt. Boyapati Vijaya Lakshmi, a Woman of Excellence with a blend of social service and philanthropy is a blessing in disguise to Vijaya Group of Institutions, established under the umbrella of S.R.K. Foundation. It is aptly said that behind every successful man there is a woman and it has been the proven success of Sri Boyapati S. Appa Rao.

Smt. Boyapati Vijaya Lakshmi's goodness lies in identifying the need of the hour to donate her property for the noble cause of women education. Her benevolence lies behind the flourishing institutions. A highly qualified woman of kindness and perseverance, she has always been there in promoting the welfare programmes taken up by Vijaya Group of Institutions.

A poised woman of balanced will and empathy, she has cherished a desire to serve the poor and needy of the society. Therefore, her social milieu in combination with her service oriented nature has enabled her to participate and conduct various social service initiatives. She has extended her helping hand to the idea of Sri Boyapati S. Appa Rao, and today the seed is witnessed as a growing tree with all its branches blooming, spreading the essence of women education. She is the pillar for the success of Vijaya Group of Institutions.

An embodiment of Indian family traditions and values, she has been an inspiration for thousands of young women engineers, pharmacists and business managers and is associated with Sri Boyapati S. Appa Rao to strengthen the institutions.

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Chairman's Message.....

I was always conscientious to respond to the needs of the society in the best way I could and felt that the most suitable way to accomplish this responsibility can happen only by fostering education. This vision of mine culminated in the establishment of SRK Foundation in 2007. I also believed that education of women is especially effective and it acts as a magic multiplier in the advancement of a society. Hence, to empower the young women, Vijaya Group of Institutions came into being in 2008. Vijaya Institute of Pharmaceutical Sciences for Women established in 2009 is committed to transform young women pharmacists into committed individuals to be able to have a positive impact on the future of the society.

Henceforth, it is indeed happy to note that Vijaya Institute of Pharmaceutical Sciences for Women is devoted to enhance the multifarious skills of its students and is continuously on the striking chord of success. I congratulate the team at Vijaya Institute of Pharmaceutical Sciences for Women. The institution's efforts in ensuring that the students are imparted with cognitive and creative abilities, inclusive of humanism, nationalism, secularism and scientific temper are highly commendable. I congratulate the magazine committee of VEPA 2019 – The Vijaya Pharmacy, for bringing out yet another attractive issue of the wide-ranging display of the talents of the students and staff.

My best wishes to Principal, staff and students!!!

(B.S. APPARAO)
Chairman

V I P W

V I P W

PHARMACY COUNCIL OF INDIA
(Constituted under the Pharmacy Act.1948)

Prof. B. Suresh M.Pharm., Ph.D., D.Sc.
President

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www.jssuni.edu.in

Message.....

I am delighted to write this message for the college Magazine being published by Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada.

On this occasion, I congratulate the Principal, Faculty, Staff and students for bringing out this college magazine and convey my good wishes and hope that this edition of the college magazine would be meaningful, enjoyable and memorable.

With best wishes.

(Dr. B Suresh)
President

THE INDIAN PHARMACEUTICAL ASSOCIATION
(EDUCATION DIVISION)
Office at : S.B.D.College of Pharmacy. I Cross,
Hanumanthanagar, BANGALORE - 19.
e-mail : tvnarayana2000@yahoo.com

Message.....

Education must be life building, man-making, character making assimilation of ideas. — Swami Vivekananda

My good wishes to the management, Principal, staff and students. A continuous effort in academic, scientific and creative ventures will make the success graph of an institution progress and the students there receive the maximum benefits of education in its true sense. A college magazine also is one such platform to explore the all-round abilities of the students. The research articles of the staff and students and other informative writings published in **VEPA 2019** – The Vijaya Pharmacy may equip the readers with new knowledge and thinking.

Be remembered, be unique, be great!! --- A. P. J. Abdul Kalam

(Dr. T. V. Narayana)
Vice-President – IPA
and
Chairman, IPA-Education Division

V I P W

V I P W

Dr. KOLA VIJAYA SEKHAR M.S., M.Ch., (OPh.) (USA IM) B.L., Ph.D., Ph.D.,
M.B.,B.S., B.A.M.S., F.C.C.P., F.A.I.M.S., F.A.G.E., F.C.G.P., D.Ac., M.A.M.S., MICARTC.,
N.D., D.H.M., I.C.S.E.P., M.I.P.H.A., C.Diab., M.Drc., C.N.N., M.Th.,
PHYSICIAN - SURGEON - EYE SPECIALIST - GENERAL CONSULTANT

Message.....

I congratulate **VEPA 2019 –** The Vijaya Pharmacy a great success! Hope the articles will be insightful and enhance the awareness on recent trends in health care and pharmaceutical industry. It would also help them to hone their literary and writing skills.

Education endowed with human values and compassion is fulfilling and it is the prime responsibility of the institution to train them in the fashion. The various initiatives to transform the young women Pharmacists and Pharm D professionals into leaders of excellence undoubtedly place the institution on the cutting edge. So, I urge the students to find ways to encourage themselves, to work in teams and to improve their abilities.

Have a bright future ahead!

(Dr. Kola Vijaya Sekhar)

Dr. Vallabhaneni Vamsi, M.V.Sc.,
M.L.A.,
Gannavaram Constituency,
Krishna District,
Andhra Pradesh.

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Main Road, Opp. Govt. Hospital,
GANNAVARAM - 521 101.
Ph. : 08676-253666
Fax : 08676-253599
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e-mail : mlagvrm@gmail.com

Message.....

I congratulate Vijaya Institute of Pharmaceutical Sciences for Women which is on a steadfast track of success. I am happy to know that the young women students of this institution through their health camps and the Jan Aushadhi medical store in the campus are reaching out to the poor and needy of the society.

VEPA 2019 – The Vijaya Pharmacy is one more opportunity for the students to evolve themselves into better personalities of competence. I believe that the themes discussed in the issue may reflect the recent trends in the health care and pharmaceutical industry, apart from their literary musings.

Believe that intensified energy and effort will enhance your performance.

Best Wishes!!!

(Dr. Vallabhaneni Vamsi)

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Secretary's Message...

Pharmacists play a vital role in the building of a nation by coming up with new inventions using the best practices of pharmacy to make the society secure, comfortable and disease free. Today, nations which are ahead in pharmacy and engineering domains are prosperous and providing better lives to their citizens. It is high time that young pharmacists from India must concentrate on research and innovation to contribute to the growth rate of the country.

Vijaya Institute of Pharmaceutical Sciences for Women provides quality education to enable the young women to transform themselves into potential leaders by choosing a varied number of careers. The vision and mission of the institute are in tune with the contemporary times associated with the principles of transparency, responsibility and accessibility which make our place ahead of our competitors.

My greetings to the Editorial Board of **VEPA 2019**– The Vijaya Pharmacy for making it appear the best in all its facets.

Good Luck!!!

(B.S. Sri Krishna)
Secretary

Principal's Message.....

With happiness and pride in my heart, I pen down these few words for our annual college magazine, **VEPA 2019** – The Vijaya Pharmacy. SRK Foundation cherishes the motto of empowering young women through education. Vijaya Institute of Pharmaceutical Sciences for Women keeps up this motto by transforming its young women into potential change agents of the society. Empowerment does not mean mere acquisition of knowledge, but it involves character building and enhancing the employability skills. I am sure that the young women coming out of the institution year by year truly reflect a unique culture, Vijaya culture, which lays a strong foundation to move ahead and achieve the objectives of education, for a glorious India.

The encouragement of the management, initiatives of the college administration, committed members of faculty and non-teaching members, the active participation of students together have made up the institution to be in the chosen list of Pharmacy institutions in and around Vijayawada.

So, dear students, force yourself to gain knowledge and become uniquely skilled that would force people to accept you. Grab the opportunities to develop yourself. Unemployment is an artificial creation; be a job creator and you can surely make things happen.

Therefore, stretch your arms up and high and reach for that brass ring!

(Dr. K. Padmalatha)

V I P W

Editor Speaks...

I am indeed happy to greet the readers of **VEPA 2019** – The Vijaya Pharmacy. The prime principle of our annual magazine is to enlighten, entertain and encourage the readers. The issue features thought stimulating articles with a commitment to retain diversity of readership, their interests and opinions. I appreciate the authors, students and staff who have contributed articles which highlight their scientific, research, literary and artistic acumen. The magazine also showcases the educational, cultural and sports activities of the institution. Subsequently, the achievements and awards speak about small leaps made by the institution consistently over time, leading to all round excellence.

VEPA 2019 – The Vijaya Pharmacy would be investing in knowledge which pays the best interest.

I thank my dedicated editorial team for making the magazine reflect the values and quality of the institution and also Girish Media personnel who have given it an impressive appearance.

About the College...

Vijaya Institute of Pharmaceutical Sciences for Women is established in the year 2009 under the umbrella of S.R.K. Foundation by Sri. Boyapati Srinivasa Appa Rao, a renowned educationalist and industrialist with more than four decades of rich experience in promoting and administering professional colleges. The institution is committed to provide quality education and empower women in the field of pharmacy to cater to the needs of the society in health care sector and also to uplift their socio-economic status through quality education.

The institution is permitted by Govt. of Andhra Pradesh, AICTE – New Delhi, approved by Pharmacy Council of India-New Delhi, affiliated to JNTUK, Kakinada and is certified by ISO 9001 – 2015.

The institution offers courses in B. Pharmacy (100 Seats), M. Pharmacy in Pharmacology (15 Seats), Pharmaceutics (15 Seats), Pharmaceutical Analysis (15 Seats), Pharm D (30 Seats) and Pharm D Post Baccalaureate (10 Seats).

The institution has a MoU with Government General Hospital, Vijayawada which is a 1000 bedded teaching hospital with more than ten departments for imparting clinical training for Pharm D and Pharm D Post Baccalaureate Courses.

The college also has an MoU with Laila Neutraceuticals Vijayawada

The institution received ***NEA Award 2015*** (National Andhra Pradesh Education Awards) for Excellent Co-Curricular Activities for Women Students in Andhra Pradesh.

The institution received Pride India Star Puraskar, as ***Indian Star Best Emerging College of Pharmacy for Women2017*** by Score More Foundation, Vijayawada.

The institution received the ***Outstanding Local Branch Award for the year 2017*** from The Indian Pharmaceutical Association.

The institution is identified as one of the one of The **10 Best Women's Education and Empowerment Institutes in India 2018** by **The Knowledge Review** magazine, a sister concern affiliated to Insights Success Media Tech LLC, USA.

On the occasion of International Women's Day Celebrations, on 5th March, 2018, two thousand two hundred and seventy seven (2277) women students pursuing pharmacy, engineering and management courses from SRK Foundation made the **Champions Book of World Record by forming the biggest Woman Gender Symbol** within 2 minutes.

The quality policy of the institution makes it responsible for the personal and professional growth of the staff and students.

Vision: To become a Recognized Leader of Pharmacy Education in the State through Excellence

Mission: To serve the State, Nation & World by producing outstanding Pharmacists

VEPA - THE VILLAGE PHARMACY

Neem is a precious gift from the Mother Earth. Our ancestors worshipped the Neem tree as they believed that it not only protects the health against diseases but also drives away the evil eye. Today, Indians consider it as the most versatile for its multitude of medicinal and other uses.

The Indian poets called Neem as Sarva Roga Nivarini, and the rural Indians call it as ***'The Village Pharmacy'***. Neem foundation states that Neem is "tailor-made for combating the serious problems confronting mankind today". The medicinal benefits of Neem are spoken about in the Vedas; the world's oldest scriptures. It has provided a wide range of valuable remedies for more than 5,000 years, equally supporting the health of humans and livestock on the planet.

The majestic, deciduous evergreen Neem, the native of Indian subcontinent, is one of the world's most effective and widely used herbs. It is easy to grow Neem in a wide range of temperatures and conditions and the tree can live for 150 to 200 years. The knowledge about its uses and benefits has spread all over the world from India.

Neem is one of the main ingredients in every blood purification formula used in Ayurveda and it appears in most diabetic formulae as well. It is also used to cure arthritis, rheumatism, in the elimination of external and internal parasites, including malaria and various kinds of viral fevers and infections. It is an insect repellent and is reported to have exhibited the ability to control at least 125 species of pest insects.

One of the most famous uses of Neem is to prevent tooth decay and gum disease. Neem twigs have been in use for thousands of years by millions of people in India as 'chewing sticks' to cleanse their teeth and gums to maintain oral hygiene.

Mahatma Gandhi encouraged scientific investigation of Neem tree to revitalize Indian traditions, which eventually paved a way for in depth research on Neem. Acharya Narula, a research professor in the Department of Biology at The University of North Carolina, who embarked on an extensive research on Neem felt that it stands true to its Sanskrit name Arishta which means ***"reliever of sickness"***, hence rightly called as ***'The Village Pharmacy'.***

VEPA - THE VIJAYA PHARMACY

"The Vijaya Pharmacy" is a precious gift for the young women of Vijaya Institute of Pharmaceutical Sciences for Women. The empowerment of women speaks of humanism and those luminaries who are empowered succeed in satisfying human needs and human interests. It is this ideology that sparked 'The Vijaya Pharmacy' on a marathon march of scientific progress to serve humanity.

Vijaya Institute of Pharmaceutical Sciences for Women was started in the year 2009 to mould the graduates of pharmacy, to meet the ever-increasing need in the Pharma industry and health sector.

"Education, together with reproductive health, is one of the most important means of empowering women with the knowledge, skills and self-confidence necessary to participate fully in the development process".

Pharma professionals endowed with patience, tolerance, ambiance and dedication are of great need to public health and industry in the present scenario. Our institution plays a key role in producing the individuals who make up to be a part of competent health care workforce.

Accomplished pharmacists of VIPW provide quality health care as they wish to build a positive ambiance with the society, and they believe that compassion can be a powerful catalyst for healing. Our institute contributes for the significant growth of health care industry by sharing its resources with those in need.

Most change begins small but, multiple small acts of positive effort can influence a transformative change in creating the benchmarks along the journey to measure success and progress.

VIPW's pharmacists would surely extend the horizons and scope of pharmacy practice which include more traditional roles and modern services related to health care. It is sure that they are endowed with the philosophy of joyous service for the greater good of humanity.

'The Vijaya Pharmacy' willfully stands as an example to the ultimate pearl of wisdom said by Albert Einstein," A man's ethical behavior should be based effectually on sympathy, education, and social ties and needs; no religious basis is necessary".

Institute Achievements

Certificate

Breakthrough Management Quality Registrar (BMQR)

Certifies that the Quality Management System of

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCE FOR WOMEN
Enikepadu, Vijayawada – 521 108. Krishna District,
Andhra Pradesh, India.

has been assessed and found to be in accordance with the requirements of the quality standards

ISO 9001:2015

for the following scope of certification

OFFERING ACADEMIC PROGRAMMES LEADING TO BACHELOR OF PHARMACY (B.PHARM), MASTER OF PHARMACY (M.PHARM) AND PHARM D

Further clarifications regarding the scope of this certificate and applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

Original Certification Date	: 17/10/2011
Current Certification Date	: 16/11/2017
Fifth Surveillance Due on	: 15/11/2018
Sixth Surveillance Due on	: 15/11/2019
Certificate Expiration Date	: 15/11/2020

Surveillance Audit

BMQR ISO 9001 CERTIFIED

AIAO-BAR QMS ACCREDITED USA

Certificate No: AB09IS11024

For BMQR

TKR

THE KNOWLEDGEREVIEW
Education. Innovation. Success

Vijaya Institute of Pharmaceutical Sciences for Women

is recognized by The Knowledge Review Magazine in

The 10 BEST TKR Women's EDUCATION EMPOWERMENT INSTITUTES IN INDIA 2018

An Annual Listing of The 10 Best Women's Education and Empowerment Institutes in India that recognizes some of the extraordinary educational institutions which are empowering women with education and helping them achieve their dreams.

Pooja M. Bansal
Editor-in-Chief

Momentous Moments

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

CLASS TOPPERS

B. PHARM

Ms. V. SUNETHRI
I B.Pham FIRST in Class

Ms. R. MENAKA
II B.Pham FIRST in Class

Ms. Md. SABIHA
III B.Pham FIRST in Class

Ms. K. MOUNIKA
IV B.Pham FIRST in Class

Ms. N. SAILAJA
I B.Pham SECOND in Class

Ms. P. Bhuvaneswari
II B.Pham SECOND in Class

Ms. T. LALITHA
III B.Pham SECOND in Class

Ms. M. BHAVYA
IV B.Pham SECOND in Class

PHARM. D

Ms. Sk. HEENA
I Pham.D FIRST in Class

Ms. J. VINEELA
II Pham.D FIRST in Class

Ms. THAHERA MUBEEN
III Pham.D FIRST in Class

Ms. SHAIK TANISHA BIBI
IV Pham.D FIRST in Class

Ms. ALIYA
I Pham.D SECOND in Class

Ms. SUMAIYA SALEEM
II Pham.D SECOND in Class

Ms. KOSURI BABITHA
III Pham.D SECOND in Class

Ms. KARNENI HEMA
IV Pham.D SECOND in Class

M. PHARM

Ms. KOLETI SINDHU
Pharmaceutics - FIRST in Class

Ms. P. LAKSHMI PRASANNA
Pharmaceutical Analysis - FIRST in Class

Ms. VARADA KALYANI
Pharmacology - FIRST in Class

S. N V SAI BHARGAVI
Pharmaceutics - SECOND in Class

SHAIK KARISHMA SULTHANA
Pharmaceutical Analysis - SECOND in Class

Ms. DUDDU POORNIMA SAI
Pharmacology - SECOND in Class

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

ORGANIZING COMMITTEE

Sri B. S. Appa Rao
Chairman

Prof. Dr. K. Padmalatha
Principal

Sri B. S. Sri Krishna
Secretary

Mr. S. Venkateswara Rao
Assoc. Professor, Academic In-charge

Mr. A. Jayarami Reddy
Assoc. Professor, Campus Discipline In-charge

Mr. D. Srinu Naik
Asst. Professor, External Duties In-charge

Mrs. R. Padmaja
CA, Accounts In-charge

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

TEACHING STAFF

DEPARTMENT OF PHARMACOLOGY

Dr. K. Padmalatha
Principal & Prof., Dept. of Pharmacology

Dr. Jeevana Mani Babu
Pharm. D (PB)

Mr. A. Jaya Rami Reddy
M. Pharm., (Ph. D)

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M. Pharm

Mrs. P. Pradeepa
M. Pharm

Mrs. V. Greeshma
M. Pharm

Mrs. A. Bhavana
M. Pharm.,

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M. Pharm., Ph.D

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M. Pharm

Ms. Sk. Fathima
M. Pharm

Ms. D. Prasanna
M. Pharm

Ms. K. Sri Teja
M. Pharm

Ms. G. Pramoda
M. Pharm

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M. Pharm

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M. Pharm

Mrs. G. Madhavi
M. Pharm

Mrs. B. Hemalatha
M. Pharm

Mrs. A. V. S. Hima Bindu
M. Pharm

Mrs. P. M. M. N. Lakshmi Varma
M. Pharm

Ms. G. Priyanka
M. Pharm

Ms. Meharunnisa
M. Pharm

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DEPARTMENT OF PHAMACEUTICAL ANALYSIS

Dr. M. Narender
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Mrs. Ch. Anupama Swathi
M. Pharm

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M. Pharm

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M. Pharm

Ms. M. Shameena
M. Pharm

Mr. M. Anitha
M. Pharm

DEPARTMENT OF PHARMACOGNOSY AND BIOTECHNOLOGY

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B. Pharm., M. Tech., Ph. D

Mrs. M. Vani
M. Pharm., (Ph. D)

Ms. B. Swathi
M. Pharm

Ms. Mobeen Shaik
M. Pharm

Mrs. R. Sunitha
M. Pharm

DEPARTMENT OF PHARMACY PRACTICE

Dr. A. Chandra Sekhar
BHMC, PGDHM, M.Sc. (Appl. Psy.)

Mrs. K. R. Rajeswari
M. Pharm

Dr. N. Prathiba
Pharm. D

Mr. Y. Naveen
M. Pharm.,

Dr. M. Tabitha Sharon
Pharm. D

Dr. B. Pragna Malavika
Pharm. D

Dr. G. Manas Kumar
Pharm. D

DEPARTMENT OF S & H

Mr. V. Srinivas
M. B. A, M. Sc., (Stat.),
M. Phil., (Ph. D)

Mrs. V. V. Vandana Devi
M.A., (Ph. D)

Mrs. P. Durga
M. Tech.,

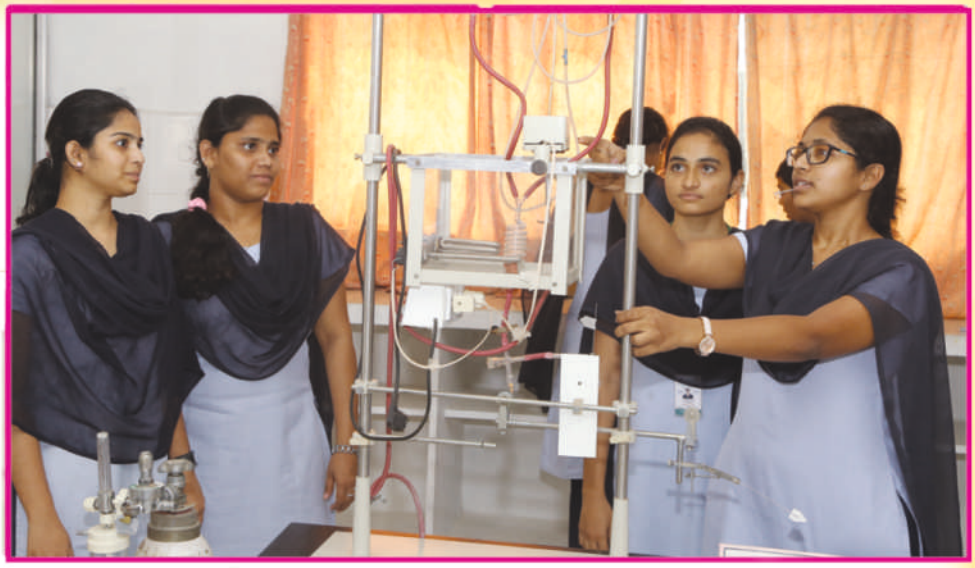
Mr. Ch. Ravi Kumar
M. Tech.,

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

GLANCE AT RESEARCH FACILITIES


Water's HPLC




Tablet Disintegration Tester


Tablet Dissolution Tester


Tablet Punching Machine


Pharmaceutics Research Lab


Rotary Evaporator


Tablet Friability Tester


Cooling Centrifuge


UV Spectorphotometer


Tablet Coating Equipment


Pharmacology Research Lab


PA & QA Research Lab


Auto Analyzer

GLANCE AT RESEARCH FACILITIES

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

GLANCE AT LAB FACILITIES


Dispensing Lab


Pharmaceutical Technology Lab


Ph. Analysis Lab


Pharma Chemistry Lab


Ph. Microbiology Lab


Pharmacognosy Lab


Pharmacology Lab


Computer Lab


Medicinal Garden


Library


Museum


Stores


Human Anatomy & Physiology Lab


Dosage Forms


Med. Bio Chemistry Lab

GLANCE AT LAB FACILITIES

4th B. Pharmacy - A Section [2015 - 2019]

4th B. Pharmacy - B Section [2015 - 2019]

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

3rd B. Pharmacy - A Section [2016 - 2020]

3rd B. Pharmacy - B Section [2016 - 2020]

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

2nd B. Pharmacy - A Section [2017 - 2021]

2nd B. Pharmacy - B Section [2017 - 2021]

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

1st B. Pharmacy - A Section [2018 - 2022]

1st B. Pharmacy - B Section [2018 - 2022]

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

4th Pharm D [2015 - 2021]

3rd Pharm D [2016 - 2022]

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

2nd Pharm D [2017 - 2023]

1st Pharm D [2018 - 2024]

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

1st M. Pharmacy [2018 - 2020]

2nd M. Pharmacy [2017 - 2019]

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

Non Teaching Staff

Fire Safety

SRK FOUNDATION
VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

GPAT - RANKERS

Ms. Naserunnisa Sharief
Rank - 156
(State Rank – 2)

Ms. K Mounika
Rank - 430
(State Rank – 15)

Ms. M Teena
Rank -714
(State Rank – 25)

Ms. M. Bhavya
Rank -994
(State Rank – 39)

Ms. M. Usha kiran
Rank – 1263
(State Rank – 52)

Ms. K. L. Samrajyam
Rank – 2572

Ms. B. Priyanka
Rank – 3003

R. G. Aparnasai
Rank - 3651

Ms. B. Spandana
Rank - 6710

Ms. K. Aswini
Rank - 7240

Ms. U. Nalini
Rank - 8750

Mrs. J. Ramya
Rank – 1742 (Staff)
(State Rank - 89)

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

GLANCE AT INDO AFRICAN SEMINAR

GLANCE AT INDO AFRICAN SEMINAR

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
VIJAYAWADA

GLANCE AT PHARMACY WEEK INAUGURATION

GLANCE AT PHARMACIST DAY 2018

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SRK FOUNDATION
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SWACHATHA PACKWADA / SWACH BHARAT INTERNSHIP PROGRAMME

SWACHATHA PACKWADA / SWACH BHARAT INTERNSHIP PROGRAMME

SRK FOUNDATION
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VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

PHARM D HEALTH CAMP IN ASSOCIATION WITH NTR AAROGYA SEVA

PHARM D HEALTH CAMP IN ASSOCIATION WITH NTR AAROGYA SEVA

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GLANCE AT FIRST AID STALL IN GNABHERI – GOVT. PROGRAM

GLANCE AT FIRST AID STALL IN GNABHERI – GOVT. PROGRAM

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GLANCE AT PHARMA EXPO 2018

GLANCE AT PHARMA EXPO 2018

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GLANCE AT PHARMA EXPO 2018












GLANCE AT PHARMA EXPO 2018

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GLANCE AT WORLD AIDS DAY

GLANCE AT WORLD AIDS DAY

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GLANCE AT PERSONALITY DEVELOPMENT PROGRAM

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VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SURVEY TO IDENTIFY EYE PROBLEMS IN RURAL AREAS

SURVEY TO IDENTIFY EYE PROBLEMS IN RURAL AREAS

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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GLANCE AT IPC-2018

GLANCE AT IPC-2018

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GLANCE AT TRAINING ON FIRST AID

GLANCE AT TRAINING ON FIRST AID

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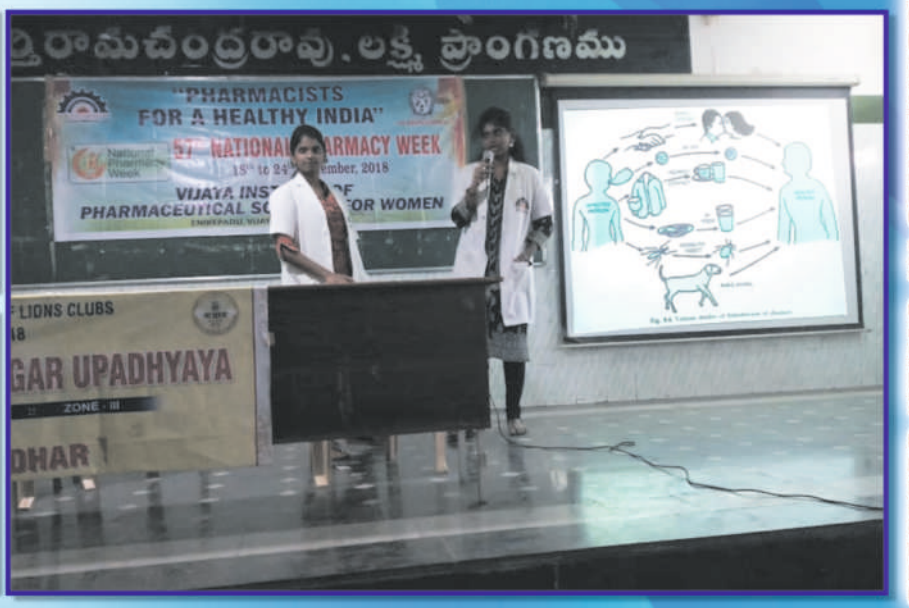
AWARENESS PROGRAMMES AT OTHER COLLEGES



AWARENESS PROGRAMMES AT OTHER COLLEGES

'VIJRUMBHANA'

Vijaya Institute of Pharmaceutical Sciences for Women gives perfect opportunity for all students to participate in the competitions and showcase their creative talent through 'VIJRUMBHANA'. Programmes are organized to encourage creative pursuits and nature talents. There is a competition and a spirit of camaraderie too, as students from various levels like B. Pharm, Pharm D and M. Pharm come together to participate.

Team work can be educational, exhilarating and challenging. The teams Achievers, Inspirers, Sizzlers and Sparklers compete in the event 'VIJRUMBHANA'. The discrimination among students as seniors / juniors is avoided by grouping the students randomly from first B. Pharm to second M. Pharm. These groups are headed by the nominated faculty Coordinators and student group leaders. They represent the respective teams in competitions through out the year.

'VIJRUMBHANA' has a unique flavor and style that makes it a much expected and memorable moment. It is a confluence of ideas, a perfect blend of the arts, the skills and the passion to perform. Students get thoughtful planning, convenient amenities and a warm welcoming environment to participate in all events.

Achievers: Achievers are influenced by motivational reminder "What you get by achieving your goals is not as important as what you become by achieving your goals".

Inspirers: They are the people filled with enlivening, exacting emotion to complete. This is the power of gathering where actions are guided to be more enhanced, thoughtful and more alive to open their winning self.

Sizzlers: Sizzler team is guided by an unwavering pursuit of excellence. They push the boundaries and surge forward to win. Their most certain way to succeed is always to try just one more time.

Sparklers: They are obviously bonfires raving about success with new strength and new thoughts. They burn to emit colored flames and sparks of victory. Their motivational fire to complete is "the will to win" the desire to succeed, the urge to reach full potential. This is their key that will unlock the door to excellence.

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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CLANCE AT CULTURALS

CLANCE AT CULTURALS

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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SPORTS

Ms. B. Harshini,
Pharm. D 4th year
Table–Tennis, National/State Inter University Championship, at the Decennial Celebrations of JNTU Kakinada on 28.12.2018.

SPORTS

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19. Sri Chandana Madhu, President, AP Journalists Association, Vijayawada.

PRIZES WON BY STAFF & STUDENTS

S.No.	Staff & Students	Dept./Course	Topic	Conference	Prize
1.	**Mr. S. Venkateswara Rao** Assoc. Prof.	Dept. of Pharmaceutics	Acid Neutralization Capacity And Cost Effectiveness Of Antacid Suspensions Sold Across Various Retail Pharmacies In Vijayawada	IJRULA, International Journal For Research Under Literal Access	Best Researcher - 2018
2.	**Mrs. V. Raja Rajeswari Kola** Asst. Prof	Pharma Practice	Various Medical Health Camps and Clubs	Lions Club of Vijayawada Medica, Vijayawada	Proficiency Certificate
3.	**Mrs. M. Vani,** Assoc. Prof **Ms. K. Mounika**	Dept. of Pharmacognosy, IV B.Pharm	Current Neutraceuticals as an alternative for Pharmaceuticals	APP 13th Indo-African Seminar, VIPW	2nd Prize
4.	**Mrs. M. Vani,** Assoc. Prof **Ms. M. Teena**	Dept. of Pharmacognosy, IV B.Pharm	Herbal Immunomodulators	APP 13th Indo-African Seminar, VIPW	1st Prize
5.	**Mrs. M. Vani** Assoc. Prof,	Dept. of Pharmacog-nosy	Innovative Ap-proaches in Recent Drug Discovery and Development by using QSAR Methods	2nd DST-SERB sponsored National Conference, Nirmala College of Pharmacy, Mangalagiri	1st Prize
6.	**Mrs. M. Vani** Assoc. Prof	Dept. of Pharmacog-nosy	Innovative Ap-proaches in Recent Drug Discovery and Development by using QSAR Methods	2nd DST-SERB sponsored National Conference 7 Pharma Quiz, Nirmala College of Pharmacy, Mangalagiri	E Poster 1st Prize

S.No.	Staff & Students	Dept./Course	Topic	Conference	Prize
7.	**Mrs. M. Vani** Assoc. Prof	Dept. of Pharmacog-nosy	Hepatoprotective Effects of the Floral Extracts of *Gomphrena serrata*	National Seminar on Molecular Modelling: in silico Tools in Target Identification and Drug Delivery, KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada	E Poster 2nd Prize
8.	**Mrs. M. Vani** Assoc. Prof	Dept. of Pharmacog-nosy	For Teaching, Research and Publications	Krist Foundation, Bengaluru	Dr. APJ Abdul Kalam Life Achievement Award
9.	**Mr. V. Srinivas** Assoc. Prof	Dept. of Science & Humanities Mathematics		MTC Global World Edu Summit	Global Education Ambassador
10.	**Mrs. Vishnu Vandana Devi.V**	Dept. of Science & Humanities English	The Retellings of the Mahabharata: A Literary Contribu-tion to Indian Heritage and Culture	Two Day National Conference on *Sustaining Cultural Heritage of India* Maris Stella College, Vijayawada	Best Paper Presenter

LIST OF PUBLICATIONS

1. Venkateswara Rao S, Renuka Prabhandana N and Padmalatha K. Nanosuspension: a nanocarrier drug delivery system. *Int J Mod Pharm Res.* 2019; 3(2): 99-104.

2. Venkateswara Rao S, Naserunnisa Sharief & Padmalatha K. Herbal mediated silver nanoparticles: A new horizon of antineoplastic drug delivery system. J Drug Del Ther. 2019; 9(2-s):640-48.

3. Venkateswara Rao S, Anuhya E & Padmalatha K. Nanoparticles: A smart drug delivery. *J Drug Del Ther*. 2019; 9(2-s):590-93.

4. Sowjanya K, Padmalatha K and Basaveswara Rao M.V. Hepatoprotective Activity of Methanolic Extract of *Hibiscus plantifolius* in Paracetamol induced Hepatotoxic Rats. *Int. J. Pharm. Biol. Sci.* 2019; 9 (1): 803-6.

5. S. Venkateswara Rao, Md. Meherunnisa & K. Padmalatha. Formulation, characterisation and *in vitro* evaluation of novel ionically cross linked casein nanoparticles for memantine hydrochloride delivery. *Int. J Pharm Sci Res.* 2018; 9(8): 1000-14.

6. Venkateswara Rao S & Sathesh Kumar S. Design and evaluation of flutamide-loaded polycaprolactone nanoparticles by 2^3 factorial design and nano-precipitation method. *Asian J Pharm Clin Res.* 2018; 11(4): 203-10.

7. Venkateswara Rao. S, Sravya. K & Padmalatha. K. A Review on Nanotechnology in Diagnosis and Treatment of Alzheimer's disease. Am J Pharm Tech Res. 2018; 8(6): 1-15.

8. Venkateswara Rao. S, Jagadeeswari. N & Padmalatha. K. Aquasomes: A Nanoparticulate Drug Carrier System. *Am J Pharm Tech Res.* 2018; 8(6): 28-37.

9. Sadhu Venkateswara Rao, Beram Naga Sravya & Kantamneni Padmalatha. A review on cubosome: The novel drug delivery system. *GSC Biol. Pharm. Sci*. 2018; 05(01): 76–81

ANTIDIABETIC ACTIVITY OF *CARISA CARANDUSA*QUEOUS FRUIT EXTRACT ON ALLOXANINDUCED DIABETIC RATS

B. GNANANJALI, S. LIKHITHA V. LAKSHMI PRASANNA, M. RAJANI, P.SAIPOOJITHA, N.CHAMUNDESWARI, P.SIRISHA, Jayarami Reddy A

Diabetes mellitus is one of the common metabolic disorders with micro and macrovascular complications that results in significant morbidity and mortality. It is considered as one of the five leading causes of death in the world. In modern medicine satisfactory effective therapy is still not available to cure diabetes mellitus. There is increasing demand by patients to use natural products with antidiabetic activity due to side effects associated with the use of insulin and oral hypoglycemic agents.In 2012, diabetes and its complications was the direct cause of 1.5 million deaths, with more than 80% of these deaths occurring in low- and middle income countries. WHO projects that diabetes will be the 7th leading cause of death by 2030. Diabetes increases the risk of heart disease and stroke, which are responsible for 50% to 80% of deaths in people with this condition. Diabetes is also a leading cause of blindness, amputation and kidney failure. The present study was carried out to evaluate the antidiabetic activity of Carissa carandus fruit aqueous extracts in alloxan induced diabetic rats for 21 days. The C.carandus fruit extract at low dose (100?mg/kg) exhibited significant antidiabetec activity than high dose (300mg/kg) by regulation of body weight, blood glucose and improvement of biochemical parameters likeSGOT,SGPT,ALP,creatinine,lipid profile. This effect may be rainforce healing of pancreatic cells in alloxan induced diabetic rats.

KEYWORDS : Diabetes, oral hypoglycemic agents, carissa carandus Blood glucose, biochemical parameters.

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DIABETIC NEPHROPROTECTIVE EFFECT OF SYZYGIUM *AUROMATICUM* OIL ON ALLOXAN INDUCEDDIABETICNEPHROPATHIC RATS

Ms. Matta Ruci Monica, Jayarami Reddy A

Diabetecnephropathy is one of the four major types of noncommunicable diseases (cardiovascular disease, diabetes, cancer and chronic respiratory diseases). It is a chronic condition that occurs when the body either does not produce enough insulin or cannot effectively use the insulin it does produce. Diabetecnephropathy therefore results in raised blood sugar levels and creatinine which, if not controlled, over time lead to serious damage to several body's systems. In 2012, diabetes and its complications was the direct cause of 1.5 million deaths, with more than 80% of these deaths occurring in low- and middle-income countries. WHO projects that diabetecnephropathy will be the 7th leading cause of death by 2030. Diabetes increases the risk of heart disease and stroke, which are responsible for 50% to 80% of deaths in people with this condition. Diabetes is also a leading cause of blindness, amputation and kidney failure. The present study was carried out to evaluate the diabeticnephroprotective activity of commercially available syzigiumauromaticam oil in alloxan induced diabeticnephropatic rats for 14 days. The S.auromaticam oil at dose (100?mg/kg) exhibited significant diabetinephroprotective activity by regulation of body weight , blood glucose and biochemical parameters likeSGOT,SGPT,ALP,Albumin,creatinine,lipid profile. The S.auromaticam oil showed the effect may be regeneration of ß -cells of pancreas in diabeticnephropathic rats.
Keywords : Diabeticnephropathy, Insulin, Syzigiumauromaticam oil

FORMULATION AND EVALUATION OF FAST DISSOLVING ORAL FILM OF TELMISARTAN BY SOLVENT CASTING TECHNIQUE

D. Padma, B. Hemalatha, K. Padmalatha

Telmisartan is an angiotensin II receptor antagonist used in the management of hypertension. Fast dissolving films have been played an important role in the current pharmaceutical research. They have convenience and ease of use over other dosage forms such as orally disintegrating tablets and immediate release tablets. In present research, rapid dissolving films of Telmisartan were developed using low viscosity grades of HPMC E-5 LV, HPMC E-15 LV and HPMC E-50 LV as film forming polymers. To decrease the disintegration time of formulations sodium starch glycolate was used as disintegrating agent. Telmisartan is moderately bitter drug, taste masking was achieved by use of sweeteners and flavours. The films of Telmisartan were prepared by solvent casting method using dichloromethane and methanol as solvents. The prepared films (F1-F9) were evaluated for weight variation, thickness, drug content, folding endurance, surface pH, in vitro disintegration time and in vitro drug release. Formulation F1 was considered optimum which contained drug and HPMC E5 in 1:3 ratios. The in vitro disintegration time of the optimized formulation was found to be 24 seconds. The prepared films exhibited good integrity and thickness. In vitro dissolution studies were performed as per the FDA dissolution guidelines for about 10 minutes, the optimum formulation released complete drug within 10 minutes. FTIR studies showed no drug polymer interaction.

Key words: Angiotensin II receptor antagonist, Film forming polymers, disintegrating agents, Solvent Casting Method and In-vitro drug release.

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DEVELOPMENT AND CHARACTERIZATION OF CHITOSAN BASED FLUTAMIDE NANOPARTICLES BY IONIC GELATION METHODS

S. Venkateswara Rao, V. Lavanya, S. Jyothsna, R. Varalakshmi, R. Vamsi Priya, G. Sri Lakshmi and K. Vaijayanthi

Aim & Objective: The aim of the study was to develop Flutamide loaded chitosan - sodium tripolyphosphate (STPP) nanoparticles using Ionic gelation method and characterization of their physicochemical properties and *in-vitro* release studies. The objective was to fabricate chitosan based nanoparticles for better controlled and targeting action of drug, which also overcome the problems associated with conventional formulations like multidose therapy, poor patient compliance and high cost.

Materials and Methods: Flutamide loaded chitosan nanoparticles (F1 to F6) were prepared by Ionotropic gelation method. The formulated nanoparticles were evaluated for external morphological characters, particle size analysis, zeta potential, drug content, entrapment efficiency and *in-vitro* release studies.

Results: The particle size varied from 148 to 317 nm and zeta potential was in negative and its value found to be -46.4 mV. The drug content for the Flutamide loaded chitosan nanoparticles varied from 69.5 ± 7.2 % to 87.9 ± 1.2 %. The entrapment efficiencies were found to be minimum and maximum of 55.50 ± 2.4 % and 86.30 ± 3.6 %. The percentage yields of all formulations were in the range of 48.24 ± 1.24 to 86.13 ± 1.37 %. *In-vitro* release of drug showed sustained release behaviour for a period of 24 hr.

Conclusion: The optimized formulation contains 3:1 ratio of chitosan & STTP and demonstrated successful sustained release. Flutamide loaded chitosan nanoparticle is a potential new delivery system for treatment of prostate cancer.

Key words: Prostate Cancer, Chitosan nanoparticles and Ionic gelation method.

FORMULATION DEVELOPMENT AND EVALUATION OF TELMISARTAN FAST DISSOLVING FILMS

S. Venkateswara Rao and P. Sailakshmi

Fast dissolving films have been played an important role in the current pharmaceutical research. They have convenience and ease of use over other dosage forms such as orally disintegrating tablets and immediate release tablets. The major problem in formulation of oral films of Telmisartan is that it belongs to BCS Class II moiety and it's has only 45% of oral bioavailability due to extensive first pass hepatic metabolism. Hence there is a need to increase the oral bioavailability of Telmisartan by formulating it in to solid dispersions and incorporating the same in to the formulation of fast dissolving films which gives fast onset of action. In the present research, rapidly dissolving films of Telmisartan were developed using low viscosity grades of HPMC E-5LV & HPMC E-15LV as film forming polymers. To decrease the disintegration time of formulations crosspovidone was used as disintegrating agent. The films of Telmisartan were prepared by solvent casting method using dichloromethane and methanol as solvents. The prepared films (F1 – F6) were evaluated for weight variation, thickness, drug content, folding endurance, surface pH, *in vitro* disintegration time and *in-vitro* drug release. Formulation F1 was considered optimum which contained drug and HPMC E5 in 1: 3 ratios. The *in vitro* disintegration time of the optimized formulation was found to be below 25 seconds respectively. The prepared films exhibited good integrity and thickness. *In vitro* dissolution studies were performed as per the FDA dissolution guidelines for about 10 minutes, the optimum formulation released complete drug within 10 minutes. FTIR studies showed no drug polymer interaction.

Keywords: BCS Class II moiety, Film forming Polymers, Disintegrating Agent, Solvent Casting Method and *In-vitro* drug release.

EVALUATION OF STARCH ACETATE: A NEW STARCH BASED POLYMER FOR CONTROLLED RELEASE OF DICLOFENAC SODIUM

S. Venkateswara Rao and CH. Poojitha Sai

The objective of the present investigation is to synthesize starch acetate, a new starch based polymer and to evaluate its application in controlled release (CR) and in the design of Diclofenac sodium controlled release tablets. Starch acetate prepared by reacting potato starch with acetic anhydride in the presence of sodium hydroxide at elevated temperatures was insoluble in water and has poor swelling and gelling property when heated in water. In the micromeritic evaluation, the angle of repose and compressibility index values revealed the excellent flow characteristic of starch acetate prepared. All the physical properties studied indicated that starch acetate is a promising pharmaceutical excipient in tablets. Diclofenac Sodium, a widely prescribed anti inflammatory analgesic drug belongs to BCS class II and exhibit variable oral bioavailability due to its poor solubility and dissolution rate. Matrix tablets of Diclofenac Sodium (100 mg) prepared employing starch acetate as matrix former in different proportions gave slow and controlled release more than 12 hr. Diclofenac Sodium release was diffusion controlled and dependent on percentage of starch acetate. As the polymer concentration was increased, release rate was decreased. Good linear relationship was observed between percent polymer and release rate (K_0). Thus drug release from the matrix tablets could be controlled by varying the proportion of drug: polymer in the matrix.

KEY WORDS: Starch acetate, Matrix tablets, Controlled release and Non-Fickian diffusion.

FLUTAMIDE LOADED PCL NANOPARTICLES BY NANO PRECIPITATION: PREPARATION, CHARACTERISATION AND *IN VITRO* EVALUATION

S. Venkateswara Rao and G. Rodhay

The present work aimed to prepared and evaluated polymeric Nanoparticles (NPs) of Flutamide by nanoprecipitation method and factorial design. The influences of various formulation components such as polymer, organic phase volume and surfactant on the characteristics of nanoparticles were investigated. The (polycaprolactone) PCL loaded with drug was evaluated for its characterization of particles size, surface charge, surface morphology, encapsulation efficiency, drug content and *in vitro* drug release studies. FT-IR studies may indicate interaction between the drug and polymer. The results of *in vitro* drug release study of nanoparticles may fit with various kinetic equations. The particle size varied from 128 to 317 nm and zeta potential was in negative and its value found to be - 46.4 mV. The drug content for the Flutamide loaded PCL nanoparticles varied from 74 % ± 0.72 to 92 % ± 0.53. The entrapment efficiencies were found to be minimum and maximum of 75 % ± 0.66 and 92 % ± 0.70. The percentage yields of all formulations were in the range of 46.05 % ± 1.56 to 86.78% ± 1.32. *In-vitro* release of drug followed zero order and showed sustained release behaviour for a period of 24 hr. The results of accelerated stability study of optimized formulation F2 for 3 months revealed that storage conditions were not found to have made any significant changes in formulation. Finally the present investigation opens new frontiers in developing Flutamide NPs for targeting delivery to the prostate for the prostate cancer treatment. Which also overcome the problems associated with conventional formulations like multiple dose therapy, poor patient compliance and high treatment cost.

***Key words**:* Prostate Cancer, Polymeric nanoparticles and Nanoprecipitation method.

PREPARATION AND CHARECTERISATION OF CAPECITABINE MICROSPHERES FOR COLORECTAL CANCER

S. Venkateswara Rao and BCD. Tejaswi

The aim of the present study was to formulate and evaluate Capecitabine microspheres for colorectal cancer and to reduce dosing frequency and improve patient compliance. Microspheres were prepared by emulsion solvent evaporation technique using polymers like ethyl cellulose (EC) and HPMC K-100 in different ratios. The prepared microspheres were evaluated for flow properties, percentage yield, drug entrapment efficiency and *in vitro* dissolution studies. Results showed that as the concentration of polymer ratio increases it affects the particle size, percentage yield and drug release from the microspheres. Percentage yield of F6 microspheres was found up to 95.13%. The release study was done simulated intestinal fluid (SIF - pH 7.4) for 24 hours and showed that the drug was protected from being release in the physiological environment of intestine and efficiently released in colon (95.85%). The optimized formulation F6 exhibited the drug release in sustained manner and follows zero order, non Fickian diffusion mechanism. Accelerated stability study was carried out for the optimized formulation and results showed that there were no significant changes in percentage drug entrapment efficiency, particle size and *In vitro* controlled release of Capecitabine. The surface morphology analysis formulation F6 showed spherical structure with smooth surface morphology. The prepared microspheres are promising drug delivery for oral sustained administration to targeting colon and provides better kinetic profile with improved bioavailability.

Keywords: Colorectal cancer, Microspheres, and *In vitro* controlled release.

FORMULATION AND CHARACTERIZATION OF TASTE MASKED MOUTH DISSOLVING TABLETS OF LEVOCETIRIZINE DIHYDROCHLORIDE

S. Venkateswara Rao and A. Anusha

Mouth is one of the most promising strategies to improve the oral bioavailability by enhancing the drug disintegration and thus the release of drug particles from the dosage form would enable quick and direct delivery into the circulatory system by avoiding first pass metabolism. The aim of this present research work was to formulate taste masked mouth dissolving tablet of Levocetirizine dihydrochloride by using direct compression method and prevent bitter taste and unacceptable odour of the Levocetirizine dihydrochloride with strong cationic ion exchange resins like Kyron T- 159. The drug: ion exchange resin complex was prepared by batch technique. The resin Kyron T- 159 was selected for if its high drug loading capacity, low cost, and better drug release profile. Total nine batches of mouth dissolving tablets were prepared using superdisintegrants like Crosscarmellose sodium (CCS), Sodium Starch Glycolate (SSG) and Crosspovidone (CP) by direct compression method. The results of precompression parameters (Angle of repose, Carr's index and Hausner ratio) were in acceptable range as per the specifications given in IP. Prepared tablets were evaluated for thickness, uniformity of weight, hardness, friability and results are well within IP limits. Out of nine formulations, the tablets which contain 40 mg of CP (F9) had shown low wetting time 8.22 sec, low in vitro disintegration time 5 sec, high water absorption ratio 180% and highest drug release profile i.e. 99.81% which releases the drug within 12 minute. The stability test results of F9 concluded that there were no significant changes in any values. Hence this formulation was considered to be highly stable.

Keywords: Levocetirizine Dihydrochloride, Superdisntegrents, Mouth dissolving tablets and Bioavailability

FORMULATION, DEVELOPMENT AND OPTIMIZATION OF ORO-DISPERSIBLE FILMS OF MEMANTINE HYDROCHLORIDE USING NATURAL FILM FORMING AGENTS

Sindhu K, Sravani B and Padmalatha K

Oral dissolving films are thin solid dosage forms which when placed on the tongue, instantly wet by saliva the film rapidly hydrates and adheres onto the site of application. The oral buccal mucosa being highly vascularized, drugs can absorb directly and can enter the systemic circulation without undergoing first-pass hepatic metabolism. The aim of the present study was to formulate and evaluate oro dispersible film (ODF) containing Memantine HCl, for treatment of Alzheimer's disease by using different natural film forming polymers. In the present research work various trails were carried out by using different concentrations of natural polymers like gellan gum and gum kondagogu by solvent casting method. The optimized formulation is F12 (API with Gum Kondagogu) 1:3.5 showed the highest dissolution rate of 100.58 ± 0.23% within 4 minutes. The optimized formulation F12 was further conducted stability studies for 3 months and it showed satisfactory physicochemical properties without any morphological changes in the film during its stability study.

Key words: Memantine HCl, Alzheimer's disease, solvent casting method, Oro dispersible film.

FORMULATION, DEVELOPMENT AND OPTIMIZATION OF WATER DISPERSIBLE TABLETS OF ITRACONAZOLE

D. Lakshmi Bhavani*, Sravani B and Padmalatha K

Dispersible tablets are uncoated or film coated tablets that can be dispersed in liquid before administration giving a homogenous dispersion. The aim of the present study was to formulate and evaluate water dispersible tablets (WDT) containing Itraconazole, for the treatment of candidiasis by using different natural and synthetic polymers. In the present research work various trails were carried out by using different concentrations of natural polymers like guar gum and carrageen, synthetic polymer methocel K 100 by direct compression method. The optimized formulation F9 (API with carrageen in 1:9) showed the highest dissolution rate of 100.58 ± 0.23% within 4 minutes. F9 formulation was further subjected to stability studies for 3 months and it showed satisfactory physicochemical properties without any morphological changes in the tablet during its stability study.

Key words: Itraconazole, Candidiasis, Direct compression method, Water dispersible tablets

DESIGN AND EVALUATION OF MOUTH DISSOLVING STRIPS OF ATORVASTSTIN CALCIUM

Sravani B, Padmalatha K, D Poornima, R Naga Jagadeeswari, B Spandana, G K D M Swapna, U Nalini, D Bhagyasri Vani

Atorvastatin belongs to the class of statin prescribed in patients having hyperlipidaemia, stroke or CHD used in the treatment of elevated cholesterol levels by competitively enzyme HMG-COA reductase. Atorvastatin calcium orally disintegrating films will enhance oral bioavailability of drug and improve patient compliance. The rapid disintegration or dissolution leading to quick effect is very important especially in the patients suffering from acute or chronic conditions like hypertension, myocardial infarction (heart attacks), heart failure, peripheral arterial disease and chronic kidney disease. Inclusion complexes of Atorvastatin Calcium was prepared with different ratios of â-CD by solvent evaporation method. The complexes were evaluated for dissolution studies in pH 6.8 phosphate buffer. IF3 showed better dissolution characteristics compared to pure drug and other inclusion complexes. Different formulations of Atorvastatin Calcium pure drug and inclusion complex MDS were prepared by using different grades of HPMC (E5, E15, E50) in different concentrations of 1:2, 1:4 and 1:6 by solvent casting method. The strips were evaluated and among 9 formulations, F1 and AF1 showed maximum drug release within 6 min and 3 min respectively. The order of drug release was found to be first order i.e. release of drug from strip is dependent on the concentration of polymer.

Key words: Atorvastatin Calcium, HPMC, Inclusion complex, Solvent casting method and Mouth dissolving strips.

UV-VISIBLE SPECTROSCOPY: CONSPECTUS

Ch. Anupama Swathi, P.Pavani, P.Sharon, G.Srilakshmi, Ch.Divya, A.Lavanya, B.Y. Priyanka.

UV-VIS Spectroscopy is the term used for the analytical estimation of the different types of the solvents and substances. It has been in use for the last 35 years and become the most important analytical instrument in the modern-day laboratory. Spectrophotometer is generally preferred by small-scale industries as the Instrument is inexpensive and the maintenance problems are minimal. The pharmaceutical analysis includes the procedure necessary to see the "identity, strength, quality and purity" of compounds. It measures a large number of organic and inorganic compounds in a wide range of products and processes - in nucleic acids and proteins, foodstuffs, pharmaceuticals and fertilizers and also includes the raw material analysis and intermediates during the manufacturing process of drugs. The analysis is based on measuring the absorption of a monochromatic light by colorless compounds in the near ultraviolet path of spectrum (200-400nm).

Key words: UV-Visible spectroscopy

COMPARATIVE ANTI-CONVULSANT ACTIVITY FOR EVALUATION OF PHARMACODYNAMIC DRUG INTERACTION OF NEW ANTI EPILEPTICS TOPIRAMATE, LAMOTRIGINE WITH PHENYTOIN (CYP3A4 ENZYME INDUCER) and SOD VALPROATE (ENZYME INHIBITOR) BY MAXIMAL ELECTRO SHOCK (MES) INDUCED SEIZURES MODEL USING ELECTROCONVULSOMETER IN SPRAGUE DAWLEY RATS

A.Bhavana, M. Teena, U. N S Lakshmi Narasa, A.Mounica, P.Srinidhi, A.Geetanjali, K.Malleswari.

The present study attempts to investigate the anticonvulsant activity and pharmacodynamic interactions of Lamotrigine with Phenytoin and Sodium valproate in maximal electroshock (MES) induced seizures on males Sprague Dawley (SD) rats. Seizures were induced in SD rats (100-200 g) by delivering maximal electro shock of 150 mA for 0.2 sec by means of a convulsiometer through a pair of ear clip electrodes. The test compounds [Phenytoin (25mg/kg), Sodiumvalproate(300mg/kg)]and Lamotrigine (18mg/kg) were administered by oral route one week before and an hour before the MES test respectively. The animals were observed closely for 2 mins. The percentage of inhibition of seizure by measuring the time taken behavioral relative to control was recorded and calculated. Phenytoin (100 mg/kg) was used as a standard drug. The data was analysed by using one way ANOVA. As per the observation, the Lamotrigine along with the sodium valproate shows more significant variation than that of the Lamotrigine with the Phenytoin when compared with that of the Lamotrigine alone. All the three groups (groups-1,2,3) of drugs shows more variation compared with control group (group-1). The increased levels of the Lamotrigine in case of Group-3(enzyme inhibitor) may increase the risk of adverse effects, whereas decreased levels of Lamotrigine in case of Group-2(enzyme inducer) may automatically decrease the antiepileptic activity of Lamotrigine. So, it is foremost important to have Therapeutical Drug Monitoring (TDM) of Lamotrigine during its concomitant use throughout the therapy.

Keywords: Lamotrigine, Phenytoin, Sodium valproate, Therapeutical Drug Monitoring.

FORMULATION AND EVALUATION OF GASTRO RETENTIVE FLOATING TABLETS OF METFORMIN HYDROCHLORIDE

P. M. M. Naga Lakshmi Varma, Preethi Duru, K. Aswini, M. Sushma, K. Kiranmai, Z. Sahithi Jeevan Sri

Convenience of administration and patient compliance are gaining significant importance in design of dosage form. Controlled release gastroretentive dosage forms enable prolonged and continuous input of the drug to the upper parts of gastrointestinal tract and improve the bioavailability of medication that is characterized by narrow absorption window. Gastroretentive floating drug delivery systems (GFDDS) of Metformin hydrochloride, an antidiabetic drug with an oral bioavailability of only 50% have been designed and evaluated. The objective of the present investigation was to design Floating tablets of Metformin Hydrochloride using gas forming agents like sodium bicarbonate, organic acids like citric acid and polymers like HPMC. Tablets were prepared by Direct compression method. Drug-excipients compatibility was studied by FTIR studies. Floating tablets were evaluated for pre-formulation parameters and for Postcompression parameters like hardness, friability, weight variation, drug content, floating properties and in vitro release pattern. Formulation f6 containing Metformin hydrochloride, HPMC K 100M, Sodiumbicarbonate, MCC, citricacid, Magnesium stearate, Talc showed minimum floating lag time and maximum floating time of 12 hours and gave slow and maximum drug release of 82.85% spread over 12 hours. Hence gastro retentive drug delivery system of Metformin Hydrochloride is a promising approach as it can lead to decrease in the in the frequency of administration and eventually lead to better patient compliance.

KEYWORDS : Metformin hydrochloride, Floating drug delivery system, HPMC.

A NOVEL VALIDATED RP-HPLC METHOD FOR THE ESTIMATION OF TICAGRELOR IN BULK AND PHARMACEUTICAL DOSAGE FORMs

Ch. Anupama Swathi and Sk. Karishma sultana

A simple, accurate and precise RP-HPLC method was developed and validated for the estimation of Ticagrelor in pharmaceutical dosage form. The separation was achieved by cap cell pack C18 column (250×4.5mm, 5µ) column using methanol: water (90:10%V/V) as eluent at a flow rate of 1 mL/min, detection was carried out at 254 nm. The retention time for Ticagrelor was found to be 4.0 mins, respectively. Linearity was observed over the range of 10-100 µg/mL and it was found to be linear with y=38445x+30072 (r^2=0.999). The precision of the method was demonstrated with %RSD values of <2% while the %recovery was found in between 101.3-101.5%. There is no interference of any compounds present in pharmaceutical dosage forms was observed. According to validation results the proposed method was found to be accurate, specific and precise and could be applied to quantitative analysis of Ticagrelor.

Keywords: Ticagrelor, RP-HPLC and recovery.

ANALYTICAL RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF AZITHROMYCIN, FLUCONAZOLE AND ORNIDAZOLE IN BULK AND PHARMACEUTICAL DOSAGE FORMS

Narender Malothu, Sri Bhargavi Kona, Balakrishna Muthyala, Padmalatha Katamaneni

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Objective: The objective of the study was to develop and validate a new rapid and sensitive reverse phase High-performance liquid chromatographic (RP-HPLC) method for the simultaneous estimation of Azithromycin, Fluconazole and Ornidazole in bulk and pharmaceutical dosage forms.

Methods: Separation was achieved with a cap cell pack c18 column (250 x 4.6 mm, 5ì) with an isocratic mobile phase containing a mixture of acetonitrile and Potassium hydrogen phosphate buffer pH 4.8 adjusted with orthophosphoric acid (50:50 v/v) and the flow rate of the mobile phase was 1 ml/min and detection wavelength at 210 nm.

Results: The retention time of Azithromycin, Fluconazole and Ornidazole was found to be 4.8, 5.2 and 6.3minrespectively. The method was validated with respect to linearity, accuracy, precision, detection limits, robustness and specificity. The results of precision were stated as the relative standard deviation was below 1.5%. The calibration curve was linear over a concentration range from 50 to 100ìg/ml with a correlation coefficient of 0.999. The accuracy of the method demonstrated at three levels in the range of 50%, 100% and 150% of the specification limit. The recovery of Azithromycin, Fluconazole and Ornidazole was found to be in the range of 98 to 102%, whereas the detection limits LOD were found to be 5.810, 1.790 and 4.924µg/ml, and LOQ were found to be 9.834, 2.667 and 7.980µg/ml of the developed HPLC method.

Conclusion: This newly developed method was validated as per ICH guidelines with respect to linearity, accuracy, precision, limit of detection and quantification, robustness and specificity. Due to its simplicity, rapidness and high precision, this method was applied successfully for the determination of Azithromycin, Fluconazole and Ornidazole in tablets.

Keywords: HPLC, Azithromycin, Fluconazole and Ornidazole, Method development, Validation

UV-SPECTROPHOTOMERY DEVELOPMENT AND VALIDATION OF DEXOLANSOPRAZOLE IN BULK AND PHARMACEUTICAL DOSAGE FORMS BY USING PANTOPRAZOLE AS INTERNAL STANDARD

M. Bala Krishna, A. Devi Priyadarsini, D. Sravani, K. Naga Prathyusha, M. Yamini Venkata Naga Sai Priya, V. Pavani, K. Bhagya

The present research work describes the successful development and validation of a new UV Spectroscopic method for estimation of DEXO by using internal standard drug PANTO in bulk drug and in its pharmaceutical dosage form.10mm quartz cells using UV-Visible Spectrophotometer (LAB India, Mumbai) with a fixed 2nm spectral bandwidth and UV-Win 5 software v5.1.1 was performed.Method involves use of 70:30 ratio of ACN & Phosphate buffer as solvent system at temperature conditions 20-25ºc.The absorbance maxima were found for DEXO & PANTO at 285 and 290 nm, respectively with isosbestic point at 285nm.Linearity for the method was found in the test concentration ranging from 2.5-15 µg/ml for combination of both analytes and DEXO.The correlation coefficient (R^2) was found to be 0.989 for DEXO and 0.992 for combination of DEXO & PANTO in the linearity range.The present method found to be accurate with percent analytes recoveries of 98.7-99.7% for the combination of DEXO & PANTO.LOD value were found to be 0.047 µg/ml for the combination of DEXO & PANTO.LOQ value were found to be 0.142 µg/ml for the combination of DEXO & PANTO.All these validation parameters evaluated in accordance to ICH Q2 (R1) guidelines.

Key words:- UV Spectophotometry, DEXO, PANTO, LOD, LOQ.

DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR DETERMINATION OF DEXLANSOPRAZOLE SESQUIHYDRATE IN PHARMACEUTICAL DOSAGE FORM BY USING PANTOPRAZOLE AS AN INTERNAL STANDARD

M.Bala Krishna, M. N.V. Padmavathi, K. Padmalatha

A simple, accurate and precise RP-HPLC method was developed and validated for determination of Dexlansoprazole sesquihydrate in pharmaceutical dosage form by using Pantoprazole as internal standard (IS). The separation was achieved by cap cell pack C18 column (250 × 4.5 mm, 5µ) column using acetonitrile: water (50:50 % V/V) as eluent at a flow rate of 1 mL/min, detection was carried out at 287 nm. The retention times for Dexlansoprazole sesquihydrate and IS were found to be 5.999 and 4.906 mins, respectively. Linearity was observed over the range of 1-6 µg/mL and it was found to be linear with y = 0.0526x + 0.0549 (r2 = 0.997). The precision of the method was demonstrated with % RSD values of < 2% while the % recovery was found in between 101.3-101.5%. There is no interference of any compounds present in pharmaceutical dosage forms was observed. According to validation results the proposed method was found to be accurate, specific and precise and could be applied to quantitative analysis of Dexlansoprazole sesquihydrate by using Pantoprazole as IS.

Key words : Dexlansoprazole sesquihydrate, Internal standard, Pantoprazole, RPHPLC and recovery.

AN OVER VIEW ON HORSE TAIL TREE *CASUARINA EQUISETIFOLIA*

Vani, M, Latha, Sri K, Ratna Harika , Tejaswi Komal Sai , Santhi, Padmalatha K

Medicinal plants are the Nature's gift to human beings to alleviate various kinds of ailments. The plant *Casuarina equisetifolia* belonging to family Casuarinaceae, a tropical plant commonly called as horse tail in English, and sarugudu chettu in Telugu is used traditionally for the treatment of nervous disorders, acne, throat infections, stomach ulcer, constipation, cough, diabetes, diarrhoea, dysentery, gonorrhea. The phytochemicals isolated from the plant include condensed tannins epicatechin, hydrolysable tannins gallic acid, procyanidin, casuarine, rutin, hesperidin etc. The plant extracts were studied for antibacterial, antifungal, antidiabetic, antispasmodic, antihistaminic, gastroprotective, cytotoxic, anti-inflammatory and hepatoprotective activities. The ethnomedicinal uses of the plant indicate that it needs to be explored further for phytochemical isolation and study of pharmacological activities.

Keywords: *Casuarina equisetifolia,* medicinal uses, explore, phytochemical

DETERMINATION OF TOTAL FLAVONOID CONTENT AND *IN VITRO* ANTI-INFLAMMATORY ACTIVITY OF LEAF AND FRUIT EXTRACTS OF *CASUARINA EQUISETIFOLIA*

Vani M, Latha, Sri K, Ratna Harika, Ch. Tejaswi Komal Sai , S Santhi P, Padmalatha K

The plant *Casuarina equisetifolia,* commonly called as horse tail belonging to family Casuarinaceae is used traditionally for the treatment of infections, ulcers, cough, diarrhea etc. The plant is a rich source of tannins and flavonoids. In the current study the plant leaf, fruit aqueous and alcoholic extracts were determined for total flavonoid content followed by *in vitro* anti-inflammatory activity study by RBC membrane stabilization and protein denaturation assays. The results indicate that highest amount of rutin equivalent flavonoids were present in ethanolic extract of leaf , fruit aqueous and ethanolic extracts. Fruit extracts exhibited highest % inhibition of lysis of RBC. Aqueous leaf and fruit extracts exhibited highest inhibition of protein denaturation, The results indicate that further *in vivo* studies and phytochemical isolation, characterization studies should be conducted for plant extracts.

Keywords: *Casuarina equisetifolia,* total flavonoid, anti-inflammatory, HRBC lysis, protein denaturation

DESIGN AND OPTIMIZATION OF ITRACONAZOLE EMULGEL

A.V. S. Hima bindu, P. Sandhyarani, Ayushi Maheshwari, R. Gayathri Aparnasai, V. Mounika, R. Phani Vedasri, M. Anusri

Itraconazole is a broad spectrum anti - fungal agent, it is a hydrophobic drug. It is difficult to formulate as topical delivery. So emulgel is one of the best approaches to incorporate hydrophobic drugs. The purpose of the present study was to develop and optimize the Itraconazole emulgel using polymers like carbapol 934 and HPMC K4M at different concentrations. The prepared emulgels were evaluated in terms of physical appearance, measurment of pH, viscosity, spreadability, drug content and *in vitro* diffusion studies. *In vitro* drug release studies were performed upto 8hrs. Among all formulations F1 and F4 shows better releasing property. So F1 is proved as the best formulation among all. F1 containing carbapol 934 polymer in low concentration showed better releasing property when compared to formulations containing HPMC K4M. So it was suggested that the Itraconazole emulgel have potential advantages when compared to other topical drug delivery systems for incorporating hydrophobic drugs.
Key words: - Topical drug delivery, Emulgel, Iraconazole, Carbapol 934, HPMC K4M,

In vitro diffusion studies.

FORMULATION AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLETS OF DEXLANSOPRAZOLE

A. V. S. Hima Bindu and M. Srujana

Dexlansoprazole is a proton pump inhibitor used in the treatment of erosive esophagitis and gastro oesophageal reflux disease. The objective of the present study is to develop pharmaceutically stable sustained release matrix tablets of Dexlansoprazole and perform the pre-compression, post compression and *in-vitro* evaluation studies of developed formulation. In this study sustained release matrix tablets of Dexlansoprazole were prepared by direct compression method using HPMC K 100 M and Ethyl Cellulose in various concentrations. All the formulations have showed acceptable Pharmacopoeial standards. Formulation F6 have extended the release of Dexlansoprazole up to 6 h. The optimized formulation F6 was found stable after evaluation for physicochemical parameters when kept for 90 days at room temperature, 40ºC and 25ºC.

Key words: Dexlansoprazole, sustained release matrix tablets, HPMC K 100 M, Ethyl Cellulose, direct compression method.

RECENT ADVANCES IN THE ORAL DELIVERY OF BIOLOGICS

Biologic medicines include products from living organisms such as recombinant proteins, peptides and vaccines which have revolutionized the management of diabetes, inflammatory diseases and cancer. Biologics are generally given parentrally but parenteral route require skill, it is painful, expensive and invasive. To eradicate the disadvantages, oral biologics are designed which are still in clinical trials.

Physiological barriers to oral delivery of biologics

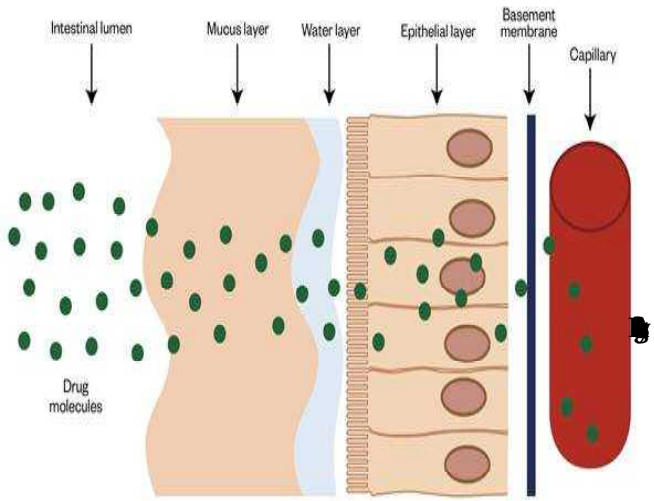
- Physiological barriers in the GI tract
- PH induced proteolysis of proteins into amino acid constituents, dipeptides and tripeptides
- Absorption of biologics in the intestinal epithelium

Strategies for improving oral delivery of biologics

- Protect the biologic from acid and enzymatic degradation by delivery within enteric coated systems and also can be prevented by co- administration of proteins and peptides with protease inhibitors
- Increase the contact time of the biologic with the absorptive epithelium by the addition of mucoadhesive polymers like chitosan, gelatin, Poly ethylene glycol etc
- Making the mucosal barrier more permeable by modifying the epithelial barrier as well by using agents like N- acetyl cysteine by improving he diffusion of large molecule biologics.

In addition to alter the biologic to improve its likelihood to cross the intestinal barrier, researchers have incorporated bio-therapeutics into drug carrier systems that can traverse the intestinal barrier. Biologic carriers for oral delivery are typically of nanometer scale based on biodegradable polymeric Nano particles.

Recent research done by Novo Nordisk on mice by targeting FcRn targeted polymer showed potential for oral insulin delivery on mice which crossed the intestinal epithelium and reached the systemic circulation with higher absorption efficiency. These Nano particles containing insulin induced a prolonged hypoglycemic effect in mice expressing the receptor compared with control group. By 2025 oral biologics will be released in market for use.



barriers to the absorption of biologics in the intestine

Ms. Md. Meherunnisa
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My Experience in Ponukumadu Village during the Awareness Program on Swatch Bharath and Swasth Bharath

I want to share my experience which happened between the months of July 2018 to August 2018. Our beloved principal ma'am Dr. K. Padmalatha along with the Dr. Vallabhaneni Vamsi Mohan, MLA of Gannavaram Constituency planned to create awareness on importance of cleanliness and health benefits which is a part of Swatch Bharat & Swasth Bharat program among the people in the extremely rural areas of Gannavaram. Fortunately we (me, my class mates and our juniors under the guidance of our Professors) participated in this awareness campaign which was scheduled for almost 4 weeks. Without skipping our regular classes and practicals the awareness program was held at the weekends. We went to door to door in the village to know about their knowledge in cleanliness and their health conditions for the first 2 weeks. We also guided them for the betterment of their surroundings. Many of the villagers are using drinking water from the nearby water plant. It is a pity condition that I met a girl who came to the pond which is full of mud to take drinking water for her home. I and my friend counseled her about the risks of drinking that water and informed her about the purification techniques, which were used in ancient days. In the 3rd week, we went to the elementary school and high school, situated in the village and explained the students about the first-aid techniques, preventive measures for infectious diseases. In the 4th week we conducted health camp, like measuring vitals, distributing medicines for needy and referring them for GGH, Vijayawada for serious ailments.

It's really a great experience in my life that I could serve few, who were needy.

By
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NEVER ENDING FOOTSTEPS – START EXPLORING

Hello all,

"In every walk in with nature, one receives far more than he seeks"

You might be wondering why I said this sentence… Just take 5mins from your time and start reading my travel experience and then you will come to know the inner beauty of this sentence. I love to travel but till today I haven't got a chance to travel alone. I feel travelling doesn't mean to explore only the famous places but every place you visit is going to be the special one.

First place, I want to tell you is about the Araku valley which is the most beautiful place in Andhra Pradesh and home to picturesque hill stations and places to experience tribal culture. I planned a 2 days trip with my family. We started on 29th July in Vijayawada and reached Visakhapatnam at night and started travelling to Araku valley by train. The train journey made me feel and view nature's beauty on a dazzling morning. My first day in the valley went through having fun at adorable waterfalls (Chaparai waterfalls), the best part I love is tasting yummy, hot Bamboo chicken which is a special traditional recipe of araku valley. My most favorite places are the Coffee museum as I am a coffeeholic and fond of the aroma from the freshly ground coffee and I love the sculpture and art at the tribal museum. Second went on with borra caves, the largest caves in the Indian subcontinent. These caves are filled with fascinating calcium deposits that depict the statue of Shiv-Parvathi, Mother-Child, Rushi's Beard, Human Brain, Crocodile, Tiger and Cow where previously the Gosthani river used to flow. There are many more places to visit in the valley but we had to return back and start our road journey and we stopped at a place called viewpoint, the best place to enjoy the whole nature's beauty of the valley by standing at one place. Only thing I wish to say is

"Slow down and enjoy the simple pleasures in life.

Start enjoying every moment of your surroundings".

Second place, I want to share is a devotional place that is Sri Trikoteswara Swamy Temple at Kotappakonda dedicated to Lord Shiva. Even this is the traditional trip with my family. I have visited many temples since my childhood but this temple is so close to my heart and

I feel so peaceful at this place. It's on the top of a hill where we went through the road having great pleasure of joy watching nature all through the way. The temple and environment is so beautiful and it's delightful to view the landscapes from the top of the hill. Another best part of this place is Zoo park, there are many unique species of birds, fishes and there is a point where we reach high to capture the beautiful sceneries. I am a happy soul when I visit this place.

"Spiritual Journey makes my soul happy".

Third place, I want to share is Hyderabad. This was a trip with my friends. These are the most memorable days of my life. It was the first trip I went alone with my friends and it's very special. I had a great time with my best buddies. We also visited a few famous places like Charminar, Golkonda fort, Sri Peddamma Thalli Temple. Evening markets in the Hyderabad are a lot and we can get excellent quality clothes at very low cost. In Charminar surroundings, we get women's jewellery at very low cost compared to the outside market and we get the same quality and guarantee. Golconda fort is a place where we can find some peace and such a lovely place to visit. Food around our area is like heaven and would like to visit many times if possible. It is the time, which I learnt how people live their lives individually and making their livelihoods out of their hardwork. It's a great experience to explore any place alone or with friends and that's where you learn many things from various places and people.

I believe "There's a whole world out there waiting to be explored…" So,

"Go

Fly

Roam

Travel

Voyage

Explore

Journey

Discover

Adventure"

By
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157N1T0013
Pharm.D
2015-2021 Batch

SRK FOUNDATION
ENIKEPADU, VIJAYAWADA

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

SALIENCES

ఔషధ రంగంలో విప్లవాత్మకమైన పరిశోధనలు

విజయలో 'ఫార్మా ఎక్స్‌పో 2018' ప్రారంభం

జ్యోతి ప్రజ్వలన చేసి ఫార్మా ఎక్స్‌పోను ప్రారంభిస్తున్న అతిథులు

విజయవాడ రూరల్, డిసెంబరు 3, (ప్రభన్యూస్) : మండల పరిధిలోని ఎనికేపాడు గ్రామంలోని ఎస్ఆర్‌కే ఫౌండేషన్ ఆధ్వర్యంలో నిర్వహిస్తున్న విజయ మహిళా ఫార్మసీ కళాశాలలో ఫార్మా ఎక్స్‌పో 2018 వేడుకలు ఘనంగా ప్రారంభమయ్యాయి. ముఖ్య అతిథిగా గుంటూరు చేబ్రోల్ హనుమయ్య ఫార్మసీ కళాశాల ప్రిన్సిపాల్ డాక్టర్ సూర్యదేవర విద్యాధర పాల్గొన్నారు. జ్యోతి ప్రజ్వలన చేసి కార్యక్రమాన్ని ప్రారంభించారు. చేబ్రోల్ హనుమయ్య ఫార్మసీ కళాశాల ప్రిన్సిపాల్ డాక్టర్ సూర్యదేవర విద్యాధర మాట్లాడుతూ ఇటువంటి ఫార్మా ప్రదర్శన ఏర్పాటు చేయడం పట్ల కళాశాల యాజ్యమాన్యానికి ప్రత్యేకంగా అభినందనలు తెలియజేశారు. విద్యార్థులు ఫార్మారంగంపై ఆసక్తిని విజ్ఞానాన్ని పెంపొందించుకోవడానికి ఇటువంటి ప్రదర్శనలు ఎంతో ఉపయోగపడ...

విజయ ఫార్మసీ కళాశాలలో అంతర్జాతీయ సదస్సు

సదస్సులో మాట్లాడుతున్న ప్రొఫెసర్ శంకర్

విజయవాడ రూరల్, డిసెంబర్ 6 (ప్రభ న్యూస్): మండల పరిధిలోని ఎనికేపాడు గ్రామంలోగల విజయ మహిళా ఫార్మసీ కళాశాలలో 8వ ఇండో - అమెరికన్ కాన్ఫరెన్స్ అసోసియేషన్ ఆఫ్ ఫార్మా స్యూటికల్ ప్రొఫెషనల్స్ ఆధ్వర్యంలో రీసెర్చ్ స్ట్రాటజీస్ ఇన్ ఫార్మాస్యూటికల్ టెక్నాలజీ అప్‌డేట్స్ అండ్ ప్రాస్పెక్ట్స్ అనే సదస్సు జరిగింది. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా డాక్టర్ ఎన్టీఆర్ యు...

...ప్రిన్సిపాల్ కె.పద్మ లత, ప్రొఫెసర్ కె.దాస్ క్రైయోటన్ యూని వర్సిటీ అలెక్స, యుఎస్ఏ ఎస్. సతీష్ కుమార్, విశ ఎల్ఎస్ఐప్స్ టుబి యూని వర్సిటీ ... గోపాల కృష్ణమూర్తి...

ఫార్మసీ రంగంపై సదస్సు

శంకర్‌ని సత్కరిస్తున్న ప్రిన్సిపల్ పద్మలత, తదితరులు

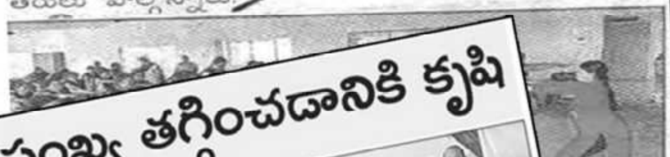
ఎనికేపాడు(విజయవాడ గ్రామీణం), న్యూస్‌టుడే: ఎనికేపాడులోని విజయ మహిళా ఫార్మసీ కళాశాలలో ఇండో-అమెరికన్ కాన్ఫరెన్స్ అసోసియేషన్ ఆఫ్ ఫార్మాస్యూటికల్ ప్రొఫెషనల్స్(ఏపీపీ) తమిళనాడు శాఖ, విజయ మహిళా ఫార్మసీ కళాశాల సంయుక్త ఆధ్వర్యంలో 'రీసెర్చ్ స్ట్రాటజీస్ ఇన్ ఫార్మాస్యూటికల్ టెక్నాలజీ అప్‌డేట్స్ అండ్ ...' అంశంపై శుక్రవారం సదస్సు...

ఎస్ఆర్‌కె కళాశాలలో యోగాభ్యాస ప్రదర్శన

యోగాసనాలు వేస్తున్న విద్యార్థినులు

విజయవాడరూరల్, జూన్ 21(ప్రభ న్యూస్) : స్థానిక ఎనికేపాడులోని ఎస్ ఆర్ కె ఫౌండేషన్ వారి విజయ మహిళా ఫార్మసీ కళాశాలలో అంతర్జాతీయ యోగా దినోత్సవాన్ని గురువారం ఘనంగా నిర్వహించారు. ఈ సందర్భంగా కళాశాల విద్యార్థినుల యోగాభ్యాస ప్రదర్శన అందరినీ ఆకట్టుకుంది. కేంద్ర ప్రభుత్వం, 2018 యోగా ప్రామాణిక సూచిననుసరించి విద్యార్థినుల చేత పలు రకాల ప్రాణాయామ ...

ఎనికేపాడు విజయ ఇంజినీరింగ్ కళాశాలలో విద్యార్థులకు అవగాహన కార్యక్రమం ఏర్పాటు చేశారు. యోగా ప్రతి ఒక్కరి జీవితంలో భాగం కావాలని కళాశాల ఛైర్మన్ బి. అప్పారావు అన్నారు. మానసిక ఒత్తిడిని అధిగమించవచ్చని అన్నారు. కోపం, అహం, చెడు లక్షణాలను దూరం చేస్తుందని తెలిపారు. యోగా శిక్షకురాలు సీహెచ్ శివజ్యోతి విద్యార్థినులతో ఆసనాలు వేయించారు. ప్రిన్సిపాల్ పి. వెంకటేశ్వరరావు, ఫార్మసీ కళాశాల ప్రిన్సిపాల్ కె. పద్మలత తదితరులు పాల్గొన్నారు.



ఫార్మా రంగంపై విద్యార్థుల ఆసక్తి

ఎనికేపాడు(విజయవాడ గ్రామీణం), న్యూస్‌టుడే : విద్యార్థులు ఫార్మారంగంపై విజ్ఞానాన్ని, ఆసక్తిని పెంపొందించుకోవాలని గుంటూరు జిల్లా చేబ్రోలు హనుమయ్య ఫార్మసీ కళాశాల ప్రిన్సిపాల్ డా.సూర్యదేవర విద్యాధర అన్నారు. ఎనికేపాడులోని విజయ ఫార్మసీ కళాశాలలో రెండు రోజులు పాటు నిర్వహించే ఫార్మా ఎక్స్‌పో-2018 కార్యక్రమాన్ని సోమవారం ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ.. ఇలాంటి ప్రదర్శనల వల్ల విద్యార్థులు తమ పరిజ్ఞానం పెంచుకుంటారని చెప్పారు. ఫార్మా రంగం అభివృద్ధికి అందరూ కృషి చేయాలన్నారు. కళాశాల ప్రిన్సిపాల్ కె.పద్మలత, సిద్ధార్థ ఫార్మసీ ప్రిన్సిపాల్ జి.దేవప్రావు, విజ్ఞాన్, ఎస్ఆర్ఐ, విజయ మహిళా ఇంజినీరింగ్ కళాశాల ప్రిన్సిపాల్స్ శ్రీనివాస్‌బాబు, అంకమ్మ, చెంచమ్మ తదితరులు పాల్గొన్నారు.

హెచ్ఐవీ రోగుల సంఖ్య తగ్గించడానికి కృషి

ఎనికేపాడు(విజయవాడ (గ్రామీణం), న్యూస్‌టుడే : హెచ్ఐవీ కేసులు 2030 నాటికి ఏమీ నమోదు కాకుండా చూడటమే తమ లక్ష్యమని ప్రభుత్వ జనరల్ ఆసుపత్రి ఏఆర్‌టీ సీనియర్ మెడికల్ ఆఫీసర్ డా.కె.సుధాకర్ అన్నారు. ఎనికేపాడులోని విజయ మహిళా ఫార్మసీ కళాశాలలో ప్రపంచ ఎయిడ్స్ దినోత్సవం శనివారం నిర్వహించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ.. ఎక్కువ శాతం యువతే ఎయిడ్స్ బారినపడుతున్నట్లు పేర్కొన్నారు. బాధ్యతగా వ్యవహరిస్తూ ఆకర్షణకు దూరంగా ఉండాలని సూచించారు. వైద్యులకు జ్ఞాపికలు అందజేశారు. కార్యక్రమంలో పీడియాట్రిక్ నెఫ్రాలజీ అసోసియేట్ ప్రొఫెసర్ డా పి.అనీల్ కుమార్, కళాశాల ప్రిన్సిపాల్ పద్మలత, ఇంజినీరింగ్ కళాశాల ప్రిన్సిపల్ చెంచమ్మ, ఫార్మా విద్యార్థులు తదితరులు పాల్గొన్నారు.

వైద్యులకు జ్ఞాపికలు అందజేస్తున్న పద్మలత

ఉద్యోగ నైపుణ్యాలపై విద్యార్థినులకు శిక్షణ

స్వచ్ఛ భారత్‌పై అవగాహన

ఉంగుటూరు, న్యూస్‌టుడే: స్వచ్ఛ భారత్‌పై ప్రజలకు అవగాహన కల్పించడమే లక్ష్యంగా స్వచ్ఛ భారత్ అభియాన్ కార్యక్రమం నిర్వహి... ఎనికేపాడు ఎస్ఆర్‌కె విజయ మహిళ ఫార్మసీ కళాశాల ప్రిన్సిపల్ డాక్టర్ పద్మలత అన్నారు. శని... ఆ కళాశాలకు చెందిన 29 మంది ... విద్యార్థినిలు ఎన్ఎస్ఎస్, ఏపీ... కార్యక్రమంలో భాగంగా ఉంగుటూరులో ... ఇంటింటా తిరిగి పరిస... ఏర్పడి సర్వే చేశారు. పద్మలత మాట్లాడుతూ.. ప్రజలు, స్థానిక జిల్లా పరిషత్ పాఠశాలలో స్వచ్ఛ భారత్, డిజిటల్ లావాదేవీలపై అవగాహన సదస్సులు నిర్వహించనున్నట్లు పేర్కొన్నారు. కార్యక్రమంలో సర్పంచి కాటూరి వరప్రసాద్, ఎంపీటీసీ సభ్యులు చెరుకూరి ధీలారి, ... మార్కెట్ యార్డ్ డైరెక్టర్ ...

ప్రదర్శన నిర్వహిస్తున్న విద్యార్థినులు

విజయమహిళ ఫార్మసీ ఆధ్వర్యంలో స్వచ్ఛభారత్

అవగాహన కల్పిస్తున్న విద్యార్థినులు

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B.Tech. (CE, CSE, ECE, EEE IT, Mechanical)

M.Tech. (ECE, CSE), MCA, MBA and 5Year Integrated MBA

An ISO 9001 : 2015 Certified

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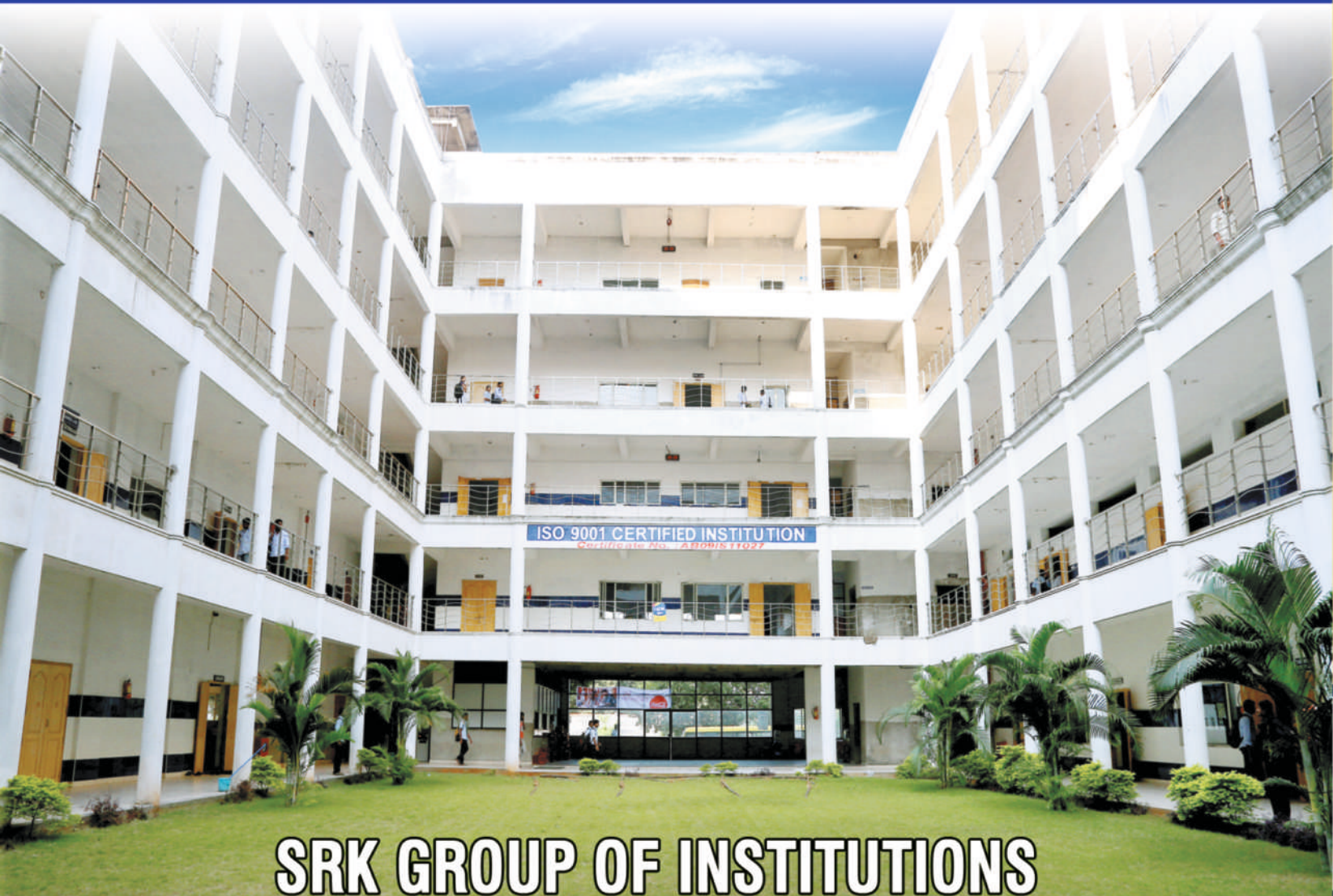

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