COLLEGE OF PHARMACY

An AUTONOMOUS Institution Approved by PCI • Affiliated to JNTUK • Accredited by NAAC with "A"Grade

Ph: +91 99498 76664 Email: office@acop.edu.in Website: www.acop.edu.in

3.2.1 Institution has created an ecosystem for innovation and has initiatives for creating and transfer of knowledge

The institution has a vision to build innovation ecosystem by investing in research, increase density of researchers and publications, increase the number of patent activities and encourage a start-up environment.

- Aditya College of Pharmacy focusses on synergizing research activities. Research activities at the Research and Development Cell are headed by Principal and Senior faculty. Students and faculty members are encouraged to take up innovative ideas and develop into research projects.
- Laboratories are newly equipped with latest sophisticated instruments like HaematologyAnalyser, Deep Freezer, FTIR(Bruker, Alpha-II, ECO-ATR), Rotary Evaporator and Digital Balance etc as per the demand of the course. Furthermore, drug information software's like IBM Micromedex and Clinirex are available and Simulation software like Ex-Pharm were subscribed for the academic year. Institution has subscription library services like DELNET. Institute has a CPCSEA approved animal house.

Objectives:

- To create research culture among faculty and students.
- To encourage faculty to improve their skills, knowledge and pursue doctoral degrees.
- To encourage students towards idea generation, innovation and product development.
- To sign MOUS for collaborative work with industries.
- To help understand and register for patenting process.
- To present and publish scientific and research papers in reputed Scopus indexed and Journals.
- To apply and receive grants to conduct Seminars and conferences and pursue research projects.

PRINCIPAL

Ducu Cu

PRINCIPAL Aditya College of Pharmacy CHRAMPALEM- 533 437



Formerly known as Sri Sai Aditya Institute of Pharmaceutical Sciences & Research

Aditya Nagar, ADB Road, Surampalem - 533 437, Kakinada Dist., Andhra Pradesh, INDIA.

Function:

- To form a technology development group from enthusiastic passed outs students and thereby motivating for self-employment.
- To encourage entrepreneurs.
- Transfer technical knowledge and managerial expertise.
- Develop new products from innovative ideas.
- Study the marketability of products.

Impact

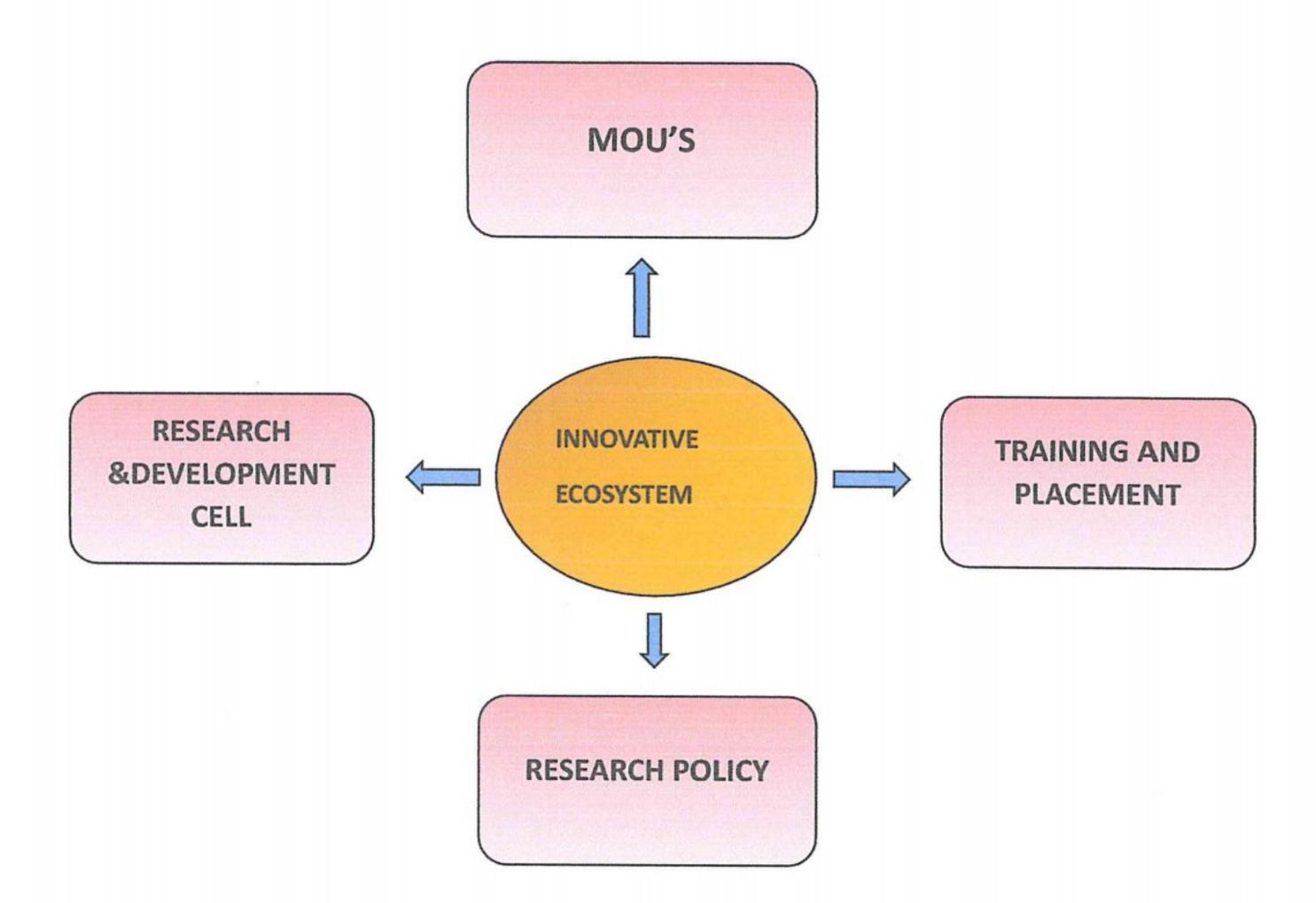
- UG and PG Research projects: Research online is introduced to students from the
 undergraduate level in project works .PG students are encouraged to carry their project
 works in industries and pharma industries.
- Seminars and workshops are organized at the institute provide an opportunity to interact
 with various industrial experts and eminent academicians.
- Collaboration activities and MOUS: Institute has signed 12 MOUS to improve research
 activity in the institution. Further the institution also collaborated with pharmaceutical
 industries like Chandra labs, Stanex drugs and pvt ltd and we collaborate with
 G.S.L General Hospital.
- Webinars: Institution encourages organizing and attending webinars to have an idea of recent trends and innovations in the field of pharmacy.
- Support for Ph.D. work: teaching faculties are encouraged to pursue their doctorial in various recognised universities.
- Industrialvisits: to understand the protocol and operational procedures at pharmaceutical industries.
- Patents: institution helps the faculty to understand the process of patenting and encourages to file patents.



PRINCIPAL

Aditya College of Pharmacy
SURAMPALEM- 533 437

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge.



PRINCIPAL
PRINCIPAL
Aditya College of Pharmacy



ADITYA COLLEGE OF PHARMACY

(Affiliated to JNTUK, Kakinada, Approved by PCI, New Delhi)

Aditya Nagar, ADB Road, Surampalem - 533 437

INDEX

3.2.1: Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

| S. No. | Content | Page No. |
|--------|---|----------|
| 1 | Ecosystem for innovation | 2 |
| 2 | Research innovation | 4 |
| 3 | R&D cell and publication committee | 5 |
| 4 | R&D Policy | 7 |
| 5 | Innovative projects by students and faculty recognition's | 9 |
| 6 | Entrepreneurship Development Cell | 10 |
| 7 | Laboratories are Equipped With Sophisticated Instruments | 11 |
| 8 | Initiatives for creation and transfer of knowledge | 17 |





ECOSYSTEM FOR INNOVATION

Aditya College of Pharmacy creates an environment that opens up new worlds of opportunity. From the day of its inception, the college is producing highly qualified human resources who are academically superior and ethically strong.. The college offers training in pharmaceutical sciences and pharmacy practice to B.Pharm, Pharm D & M. Pharmacy courses in Pharmacology and Pharmaceutical technology.

The heart and soul of professional education is innovative thinking and innovation ecosystem. Innovation is our ability to improve human knowledge base in a structured manner that can benefit students, the discipline, and the society.

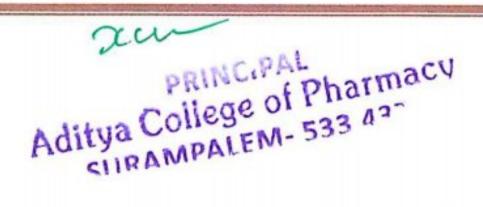
1.1 RESEARCH INNOVATION

"A disease-free world" It is one of the common quests for all living kind across the globe. Whilst we acknowledge the significant advancements and discoveries in health sciences, the quest to find a cure for many diseases remain a global challenge, which warrant continuous and extensive research contributions from all disciplines, worldwide.

GOOGLE SCHOLAR DETAILS

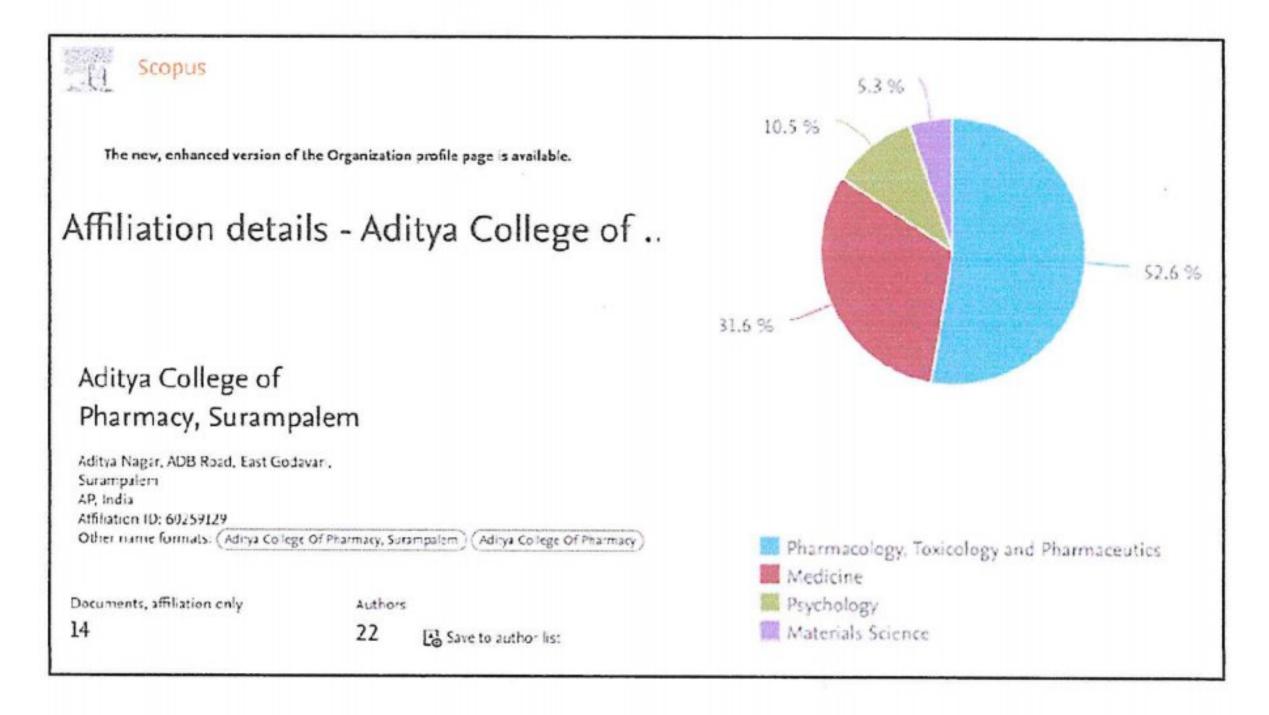
| 2/11/2022, 04:32 | Aditya College of Pharmac | y - Google Scholar | | |
|----------------------------------|---|-----------------------------------|-----------------|---------------|
| | Aditya College of Pharmacy | | All S | Since 2017 |
| | Jawaharlal Nehru Technological University, Kakinada Pharmaceutical Sciences | Citations h-index i10-index | 446 11 11 | 299 9 8 |
| TITLE | | | CITED BY | YEAR |
| | | tyloma uniflorur | n 35 | 2012 |
| ethanolic roo M Parvathi, K R | f antidepressant, motor coordination and locomot it extract of Clitoria ternatea. Ravishankar ral Remedies 13 (1), 19-24 | or activities of | 29 | 2013 |
| Asparagus ra K Ravishankar, | chytochemical screening and in vitro antibacterial acemosus root extract GVN Kiranmayi, TM Lalitha, T Priyanka, T Ranjith, em Biol Sci 2 (1), 117-123 | activity on | 24 | 2012 |
| uniflorum and K Ravishankar, | f diuretic effect of ethanolic seed extracts of Macr d Cucumis melo in rats P Priya Sci 3 (3), 251-255 | rotyloma | 22 | 2012 |
| | f in vitro anti-oxidant activity of Annona muricata I vishankar, P PriyaBandhavi 106-410 | bark | 19 | 2013 |





| 01/2023, 15:57 | K Ravis | shankar - Google Scholar | | |
|----------------------------------|--|-----------------------------------|-----------------|---------------|
| - | K Ravishankar | GET M | Y OWN PRO | FILE |
| 1950 | TCT (aviorialita) | | All | Since 2018 |
| | Aditya College of Pharmacy | Citations h-index i10-index | 469 11 12 | 299 9 8 |
| | | 1 article | | 0 articles |
| | | not availab | le | available |
| | | Based on f | unding mand | lates |
| TITLE | | | CITED BY | YEAR |
| and Cucumis PVP K.Ravishar | idant activity of Ethanolic seed extracts melo for therapeutic potential. nkar* urnal of Research in Pharmacy and Chemistry 2 | | im 37 | 2012 |
| Extract of Ann GVNK B. Ahalya | f Anti-Hyperglycemic and Hypolipidemic nona muricata Bark in Alloxan Induced E a, K. Ravi Shankar urnal of Pharmaceutical Sciences Review and R | Diabetic Rats | 36 | 2014 |
| | Antidepressant, Motor Co-Ordination are ot Extract Of Clitoria ternatea | nd Locomotor Activities | of 29 | 2013 |

SCOPUS AFFILIATION DETAILS





PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM-533 437



K Ravishankar

Aditya College of Pharmacy

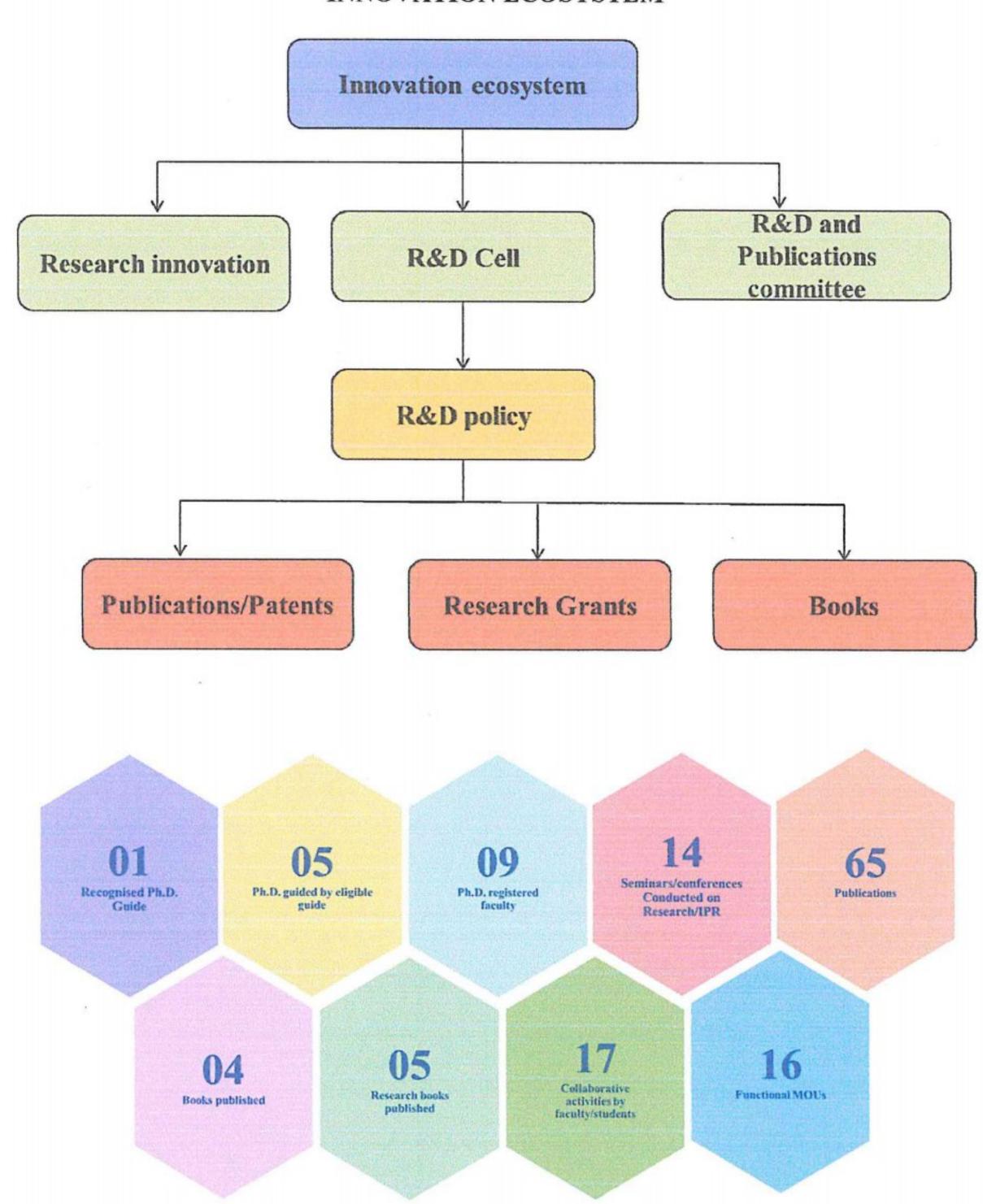
| All | | Since 2019 | |
|--------------|---------------|------------|--|
| Citations | 673 | 442 | |
| h-index | 15 | 10 | |
| i10-index 23 | | 14 | |
| 0 articles | | 1 article | |
| not availa | not available | | |

Based on funding mandates

| TITLE | CITED BY | YEAR |
|---|----------------|------|
| In vitro antioxidant activity of Ethanolic seed extracts of Macrotyloma uniflorum and Cucumis melo for therapeutic potential. PVP K.Ravishankar* International Journal of Research in Pharmacy and Chemistry 2 (2), 442-445 | 44 | 2012 |
| Exploration of Anti-Hyperglycemic and Hypolipidemic Activities of Ethano Extract of Annona muricata Bark in Alloxan Induced Diabetic Rats GVNK B. Ahalya, K. Ravi Shankar International Journal of Pharmaceutical Sciences Review and Research 25 (2 | olic 38 | 2014 |
| Evaluation of Antidepressant, Motor Co-Ordination and Locomotor Activities of Ethanolic Root Extract Of Clitoria ternatea MP K.Ravishankar Journal of Natural Remedies 13 (1), 19-24 | 38 | 2013 |
| Preliminary phytochemical screening and in-vitro antibacterial activity on asparagus racemosus root extract KR Shankar, International Journal of Pharmaceutical, Chemical and Biological Sciences | 32 | 2011 |
| Evaluation of Diuretic Effect of Ethanolic Seed Extracts of Macrotyloma uniflorum and Cucumis melo In Rats PVP K.Ravishankar International Journal of Pharma and Biosciences. 3 (3), 251-255 | 27 | 2012 |
| Phytochemical screening and evaluation of in vitro Antibacterial and Anthelmintic activities of Sida acuta leaf extracts MNP K.Ravishankar Journal of Chemical and Pharmaceutical Research 4 (11), 4757-4761 | 25 | 2012 |
| Evaluation Of In Vitro Anti Oxidant Activity Of Annona muricata Bark A K.Ravishankar* International Journal of Pharmaceutical, Chemical and Biological Sciences 3 | 22 * | 2013 |
| Preliminary phytochemical screeing and in-vitro antibacterial activity of cucurbita maxima seed extract PVS K.Ravi Shankar, G.V.N.Kiranmayi, G.V.Appa Reddy, V.V.L Sowjanya, V.Baba International Journal of research in pharmacy and chemistry | 21 * | 2012 |
| Formulation Development and Characterization of Vancomycin Hydrochloride Colon-Targeted Tablets Using In-Situ Polyelectrolyte Complexation Technique V Kudupudi, RS Kakarparthy, PNI Sarella, VRM Kolapalli International Journal of Pharmaceutical Sciences and Nanotechnology (IJPSN s://scholar.google.com/citations?hl=en&user=0jxSJeEAAAA | L Pharmas U | 2023 |

1/10

INNOVATION ECOSYSTEM



RESEARCH & DEVELOPMENT CELL ACTIVITIES

- "

Aditya College of Pharmacy

1.2R&D CELL AND PUBLICATION COMMITTEE:

Research & Development (R&D) Cell aims at encouraging faculty and students to inculcate research culture in the Institution. R&D provides platform for research activities mainly major/minor research projects, funded projects, publications, patents and consultancy. Publication committee is the part of R&D committee. The main functions of R&D cell and publication committee are,

- ➤ The R&D Cell encourages faculty and students to uplift their knowledge levels in writing research papers, filing patents, applying funded projects and improving skills in developing research methodologies.
- ➤ Incentives will be given to faculty for publications/books/book chapters/patents/sanctioned projects/consultancy activities.,
- The research caliber of each faculty/department is computed based on their research accomplishments and activities for inspiring young researchers
- ➤ Full/Partial financial support is given to all innovative research & development works taken up by the faculty members.
- Encourages the faculty to participate in National/International Conferences, Training programs, Tech-Festivals organized by reputed institutes (NIPERs/IITs/NITs/State Pharmacy Colleges) and similar by giving full/partial
- Financial support viz. course/registration fee, TA/DA etc.

SURAMPALEM R

Aditya College of Pharmac

Aditya College of Pharmacy
SURAMPALEM- 533 437

1.2 R&D Cell and Publication Committee

R&D Cell COMPOSITION

| S. No | Name of the Faculty | Designation | Role |
|-------|---------------------------------|-------------------------|-------------------|
| 1 | Dr. K Ravishankar | Principal and Professor | Chairman |
| 2 | Dr. J.AnuPravallika | Associate Professor | Coordinator |
| 4 | Dr.G.VedaPriya | Associate Professor | Member |
| 5 | Dr. K. Venkteswarlu | Associate Professor | Member |
| 6 | Madhavi Latha Samala | Associate Professor | Member |
| 7 | Dr. N. Divya | Associate Professor | Member |
| 8 | Dr. Anju.K.Abraham | Assistant Professor | Member |
| 9 | Mr.S.Prakash Nathaniel Kumar | Assosiate Professor | Member |
| 10 | D.Tony Priyanka | M.Pharm Student | Student Member |
| 11 | K.DevaHarshini | Pharm.D Student | Student |

Aditya College of Pharmacy



Aditya College of Pharmacy

Aditya College of Pharmacy

SUBAMBALEM-533 A37

| | Member |
|--|--------|
| | |

1.3 R&D Incentive policy:

R &D Incentive Policy applicable from 1st July, 2023

This document presents the research incentives that are going to be issued by the Management for faculty publications, patents, funded projects and consultancy worksand its implementation policy. The new incentive policy will be implemented from 1st July, 2023.

PUBLICATIONS:

International Journal with IF > 8.1 or H-Index >225

:Rs. 30,000/-

International Journal 5.1< IF < 8 or H-Index 151< HI <225 :Rs. 25,000/-

International Journal 2.1<IF<5 or H-Index 101<HI<150 :Rs. 20,000/-

International Journal 0.5< IF < 2 or H-Index 51< HI < 100:Rs. 15,000/-

International Journal

IF < 0.5 or H-Index

HI <50:Rs. 10,000/-

International Journals(Indexed by Scopus and ESCI)

: Rs. 10,000/-

International Journal (Scopus Indexed / WOS indexed)

:Rs. 7,500/-

Scopus Indexed International Conference Registration (Max.): Rs. 7,500/-

(Max. of 2 Conferences per year per faculty)

Book Chapterindexed in Scopus

: Rs. 7,500/-

(Not through Conference, only direct submissions will be considered)

National Conference Registration Fee (Max.)

: Rs. 4,000/-

UGC Indexed Journal: Rs. 2,000/-

PUBLISHING TEXT BOOK

International Edition by top 20 Publishers in the world

: Rs. 20,000/-

List enclosed in Annexure -1

Indian Edition

: Rs. 10,000/-

Book should meet the criteria mentionedin guidelines

URAMPALEM

Aditya College of Pharmacy

num

Page 6

Aditya College of Pharmacy
SURAMPALEM- 533 437

Publishing Book Chapters in Non Scopus Editions

: Pro rata basis

Publishing an article in a Magazine

: Rs. 2,000/-

PATENTS:

Publication of Patent : Rs. 10,000/-

Grant of Patent : Rs. 20,000/-

Note: Filling charges will be paid by the Management and Incentives will be given only if the Applicant is Aditya College of Pharmacy. The above incentives are applicable only if the disclosure goes through detailed search process by Novel Patent services (MOU with ACOP)

Patents filed by faculty keeping College Name as applicant

Rs. 10,000/-

(It should reflect in the Derwent Database)

Patents granted with examination (It should reflect in the Derwent Database) :Rs. 10,000/-

FUNDED PROJECTS / GRANTS:

Award of Grant for Conf / Workshop / Seminar

: 5% of the Grant

Funded research project where equipment is not involved

: 10% of the Grant

Funded projects where equipment is involved

: 15% of the Grant

Note: Submission of application, follow up for getting the grant, carryout the project and submit utilization certificate should be done by the faculty.

BEST DEPARTMENT OF THE GROUP:

Best Department

: Rs. 10,00,000

Fund will be utilized for enhancing the research facilities.

Best department will be identified based on Research Publications, Patents and Funded Projects, Consultancy works.

MANDATORY RESEARCH PUBLICATIONS BY FACULTY PER YEAR:

Doctorate Faculty

: Minimum 1 article in Scopus indexed Journal and

1 article in Impact Factor Journals

Non-Doctorate Faculty

: Minimum 2 articles in Scopus indexed Journals

Aditya College of Pharmacy

Aditya College of Pharmacy
SURAMPAIFM- 592 127

COLLEGE OF PHARMACY (A)

Nagar, ADB Road, Surampalem Aditya

Incentives of June 2024

| Na | Name of the Faculty | PAN No | Category | Name of the Journal | Amount (Rs) | Scopus Indexed or Not |
|----------|---------------------|------------|-------------------------|--|--|--|
| Dr. K. R | Dr. K. Ravi Shankar | BAIPS6358G | Int Journal (Scopus) | Indian Drugs. Vol.56. No.9, Aug 2019 | 7,500 | Yes |
| Dr.Har | Dr.Harani Avasarala | BBYPA5498J | Int Journal (Scopus) | Indian Drugs, Vol.60, No.9, Sep 2023 | 7,500 | Yes |
| Gumm | Gummadi Veda Priya | BSKPG8092B | Int Journal (WOS) | International Journal of Pharmaceutical Investigation, Vol.14, No.3, June 2024 | 7,500 | |
| Dr.N | Dr.Narla Divya | ANNPN4717H | Text Book Chapters-2 | Futuristic Trends in Pharmacy | 1.053 | |
| Dr. K | Dr. K. Ravi Shankar | BAIPS6358G | Patent-Filed | Method for Preparing an Ionosomal Composition for Treating Diabetic Macular Edema via Ocular Delivery, 202441042469, 31-05-2024 | 10,000 | |
| Dr. K | Dr. K. Ravi Shankar | BAIPS6358G | Patent-Filed | Method for Synthesizing an Implant with Perilla Frutescens Aqueous Extract to Treat Diabetic Retinopathy, 202441042470, 31-05-2024 | 10.000 | |
| | | | | TOTAL | 43,553 | |
| | Summary | | | | and the second second second second second second second | And the state of t |

Dr. K. Rama Krishna (ACOP)

S. Phani Kumar (APC)

CI

Int Journal (Scopus)

Int Journal (WOS)

Text Book Chapters-

Patent-Filed

Total



Aditya College of Pharmacy
SURAMPALEM- 533 437

Aditya Nagar, ADB Road, Surampalem

Incentives of June 2024

| Scopus Indexed or Not | | | |
|-----------------------------|---|---|--------|
| Amount (Rs) | 10,000 | 10,000 | 20,000 |
| Name of the Journal | A Composition of Antifungal Hydrogel with 3-PBA Modified Silver Nanoparticles and Method of Preparation. 202441044261, 07-06-2024 | A Levetiracetam (LEV) Transdermal Drug Delivery System and Method Thereof, 202441045405, 12-06-2024 | TOTAL |
| Category | Patent-Filed | Patent-Filed | |
| PAN No | CPWPP0652Q | AJMPR0436N | |
| Name of the Faculty | Dr.P.S.S.Sai Kiran | G.Rama Krishna | |
| S.No Emp Id | 4753 | 526 | |
| S.No | Marie . | C1 | |

(APC)



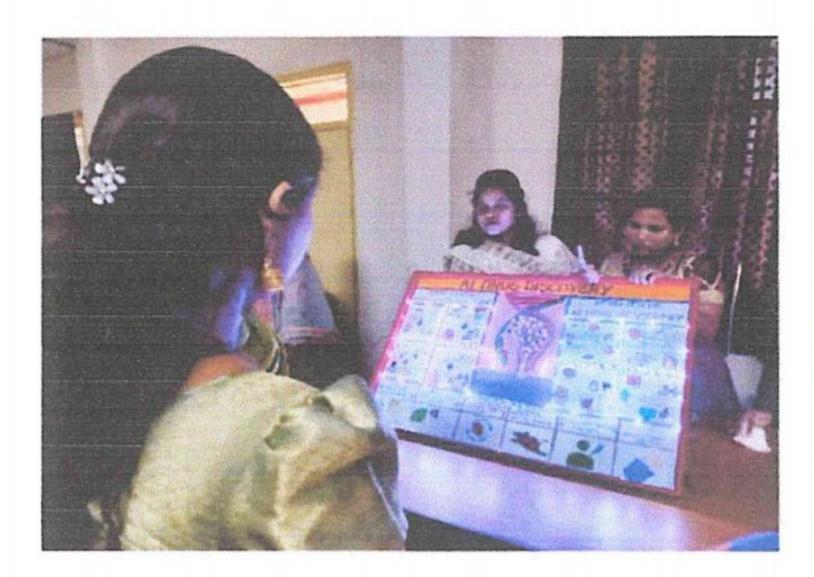
Aditya College of Pharmacy
SURAMPALEM- 533 437

Summary

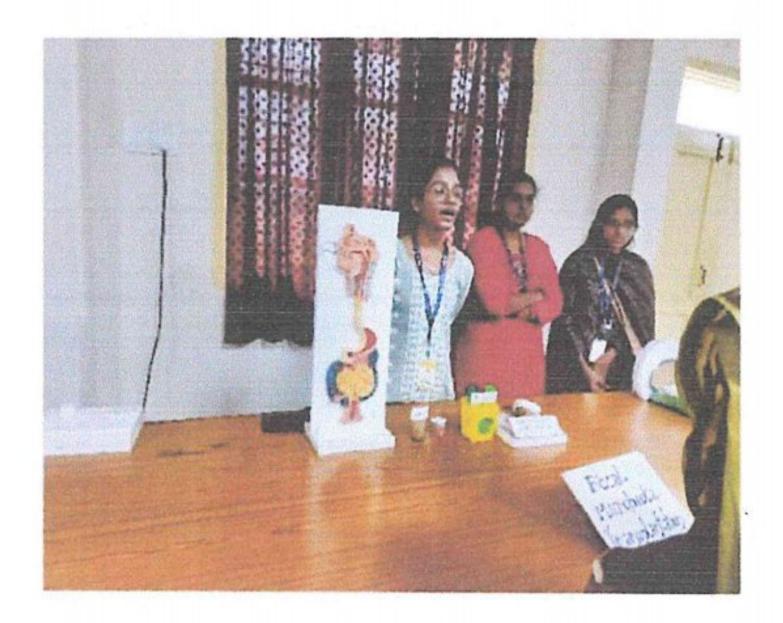
Patent-Filed

1.4 INNOVATIVE PROJECTS BY STUDENTS

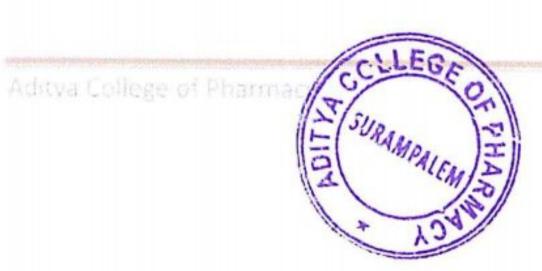
SCIENTIFIC MODELS









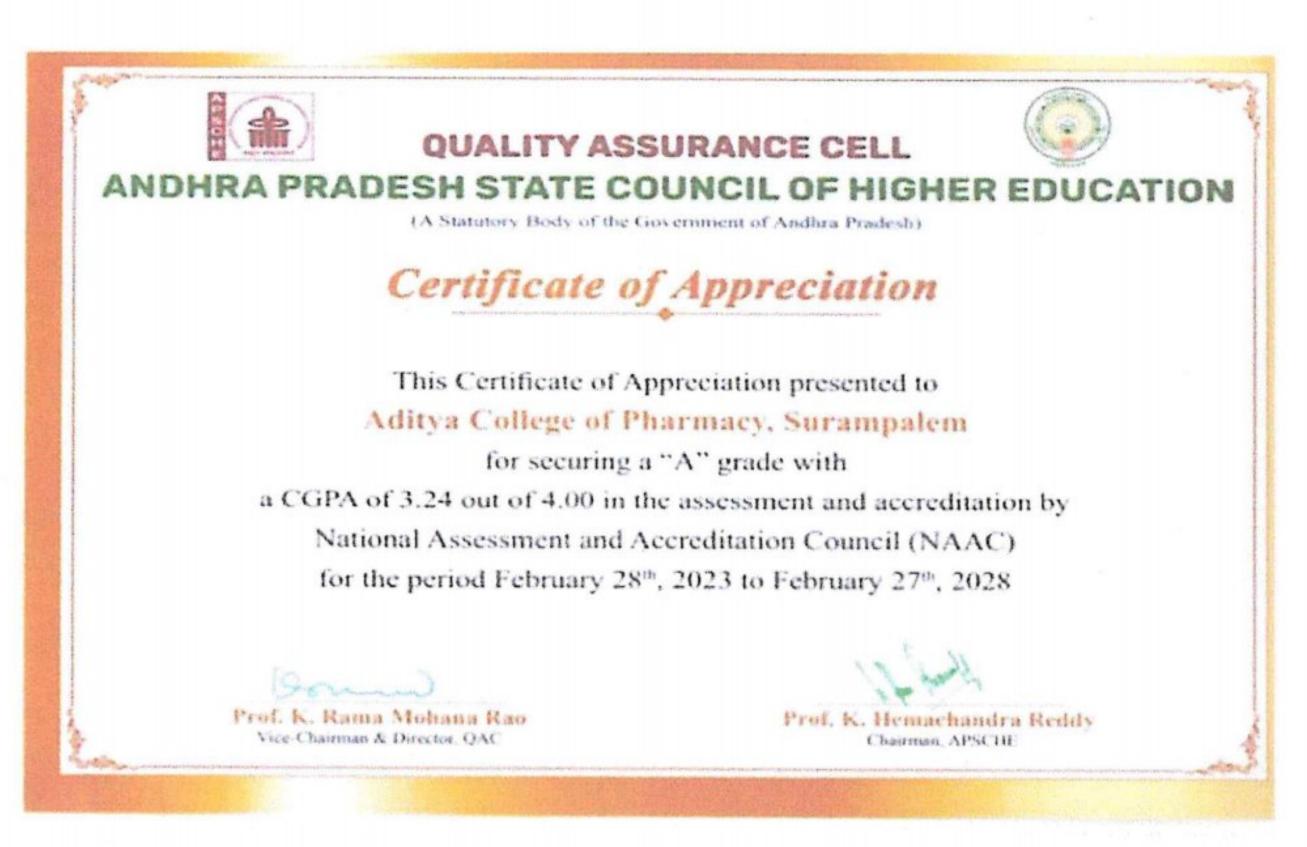


dan.a

Aditya College of Pharmacy
SURAMPALEM- 533 437

AWARDS AND RECOGNITIONS

Aditya College Of Pharmacy gets appreciated by Andhra Pradesh State Pharmacy Council Of Higher Education (APSCHE) for securing a 'A' grade with CGPA of 3.24 out of 4.00 in the assessment and accreditation by National Assessment And Accreditation Council (NAAC) from the period of February 28 th ,2023 to February 27 th 2028.





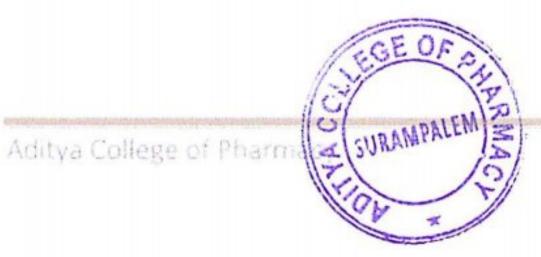


PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

Aditya College of Pharmacy

Aditya College Of Pharmacy receives a Memento Of Appreciation by Andhra Pradesh Pharmacy Council in recognition of commitment, devotion and dedication to the development of Pharmacy Profession





PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

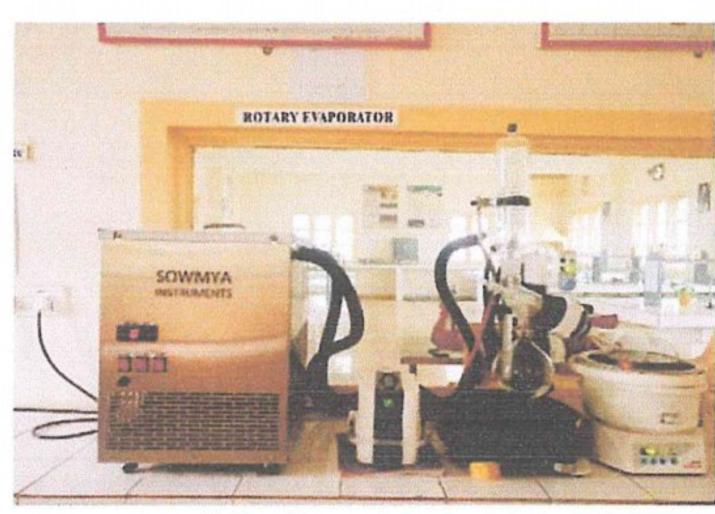
1.5 LABORATORIES ARE EQUIPED WITH LATEST SOPHISTICATED INSRTUMENTS



Hematology Analyser.



Deep Freezer



Rotary Evaporator



Digital Balance



FTIR (BRUKER, ALPHA -II, ECO- ATR)

Aditya College of Pharmacy

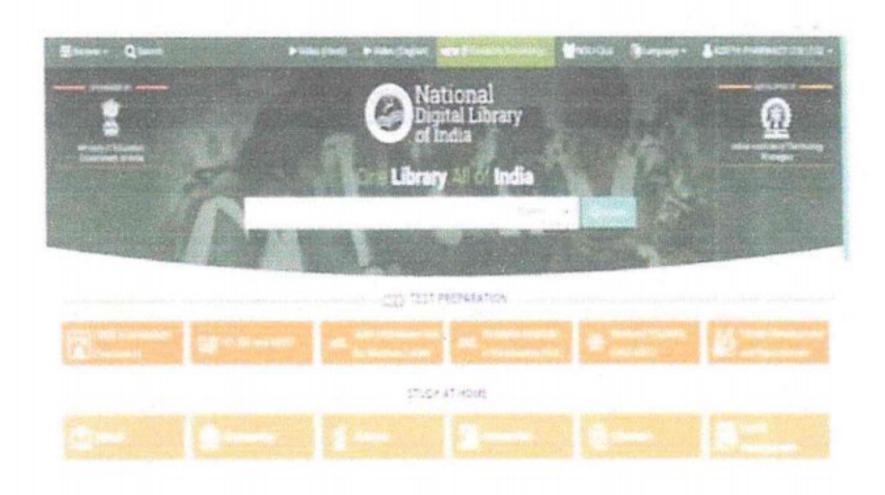


PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

2.INITIATIVES FOR CREATION AND TRANSFER OF KNOWLEDGE

- 1.1. Digital library: The Institute has automated library with integrated library management system.
 - eCAP. The digital library has subscription for the following e-resources.
 - e-journals
 - e-shodsindhu
 - Delnet
 - e-books
 - Databases
 - Remote access resources





Aditya College of Pharmacy

PRINCIPAL Aditya College of Pharmacy SURAMPALEM- 533 437