



NATIONAL COLLEGE OF PHARMACY

Approved by Pharmacy Council of India, AICTE, DME & Govt of Kerala
Affiliated to Kerala University of Health Sciences, Accredited by NBA

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the information given in the attached documents are verified by me and is true to the best of my knowledge.

Dr. Sujith Varma.K **PRINCIPAL**
Principal National College of Pharmacy
Manassery, Kozhikode
National College of Pharmacy
Manassery, Mukkam, Kozhikode





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3.2.1

INNOVATION ECOSYSTEM

Institution Innovation council (IIC) was established in August 2021 at National College of Pharmacy (NCP)

Institution Innovation Council (IIC) at National College of Pharmacy (NCP):

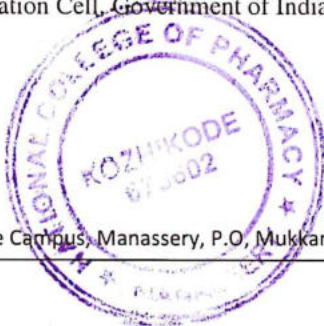
- Established to foster the entrepreneurship and innovation culture.
- **Achieved 3-star rating (from MIC, Innovation cell, Govt of Kerala)** in IIC Academic performance within one year of its inception.
- Various IIC Activities are being carried out in the campus to mould the students towards the innovative thoughts, research and IPR.
- Various activities related to Calendar activities, self-driven initiatives, celebration activities, and MIC-driven activities were carried out under IIC.
- **10 staff members participated in IA (Innovation Ambassador) training** and received appreciation certificates.
- The college has been approved for conducting **IPR webinar from IPR Patent office, Chennai along** with the appreciation certificates from KAPILA.
- The Principal and the IIC Co ordinator participated in **IIC Regional meet** at Kochi, 2022, and represented the college IIC activities to Mr,Dipan Sahu, Asst. Innovation Director , MoE's Innovation Cell, AICTE



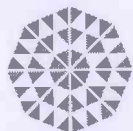
Certificate of Establishment of IIC-Innovation Cell, Government of India



IA (Innovation Ambassador) Appreciation certificate



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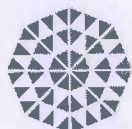
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S.NO	REPORT	No of Beneficiaries
1	Field Visit to Kerala Start up Mission (KSUM)	30
2	Field/Exposure Visit to Incubation Unit/Patent	30
3	Orientation Session on Young Innovators Programme (YIP)	50
4	Workshop on 3D Designing and 3D Printing	35
5	Training programme on EBSCO host	50
6	Attending IEDC summit at Kochi, Kerala	25
7	Start up Boot camp	30
8	Awareness program on waste management : Present Scenario and its Remedy	75
9	Selection of Statistical Analysis Methods in Research and Innovations	75
10	Workshop on Design thinking, critical thinking and Innovation design	75
11	Workshop on Entrepreneurship skill, attitude and Behaviour development	75
12	Workshop on the changing world of healthcare	50
13	Idea Pitching Day	35
14	Induction program on Innovation and Technology	35
15	My story motivational session by Successful Entrepreneur/startup founder	50
16	Webinar on Innovation in Pharma Industry	50
17	Idea Box Competition	35
18	NCP Business Fest- 2022	50
19	Idea box competition	
20	Workshop on Entrepreneurship and Innovation as Career Opportunity	50
21	Session on Problem Solving and Ideation Workshop	50
22	How Pharma industry generates Entrepreneurship Opportunities	75
23	Seminar *Demo day- Presentation of start-ups developed and linkage with Innovation Ambassador for mentorship support"	100
24	Webinar on IPR awareness	100
25	Seminar on "The Pharma Sector and Intellectual Property Rights"- Pros and Cons	100
26	Seminar on "Innovation/ Prototype Validation- Converting Innovation into a Start-up	100
27	Seminar on How to prepare a Research Protocol	100



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28	Webinar on why women founders succeed as Entrepreneurs	75
29	Session on Innovation/prototype validation converting Innovation into a start-up	100
30	Seminar on Model informed precision dosing an overview	50
31	Seminar on how to plan for Start-up And Legal & Ethical step	100
32	Workshop on Intellectual property Rights and IP Management for Start-up	100
33	Workshop on Entrepreneurship skill, attitude and behaviour development	100
34	Seminar on innovation development and technology readiness level(TRL) and commercialization of lab technology & tech-transfer	100
35	Webinar on Entrepreneurship and Innovation as carrier opportunity	100
36	Seminar on Vaccine Surveillance- Need of the hour	75
37	Interactive session on Role of Academic Institutions on Building Innovation Ecosystem	100
38	Virtual interactive session on learning experience for clinical pharmacist in clinical trials	100
39	Webinar on Contemporary Approaches in Pre Clinical Research	50
40	Webinar on Intellectual Property Rights in Pharmaceuticals	100
41	Webinar on Basics in Research	100
42	Webinar on Design thinking, Critical Thinking and Innovation Design	100
43	Seminar on How to prepare Project Proposals for Government Agencies	75



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Achieved 3 Star rating from MIC, innovation cell.

Representing National College at IIC Regional Meet



Representing Innovation Activities to Mr. Dipan Sahu, Asst. Innovation Director, MoE's Innovation Cell, AICTE



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Entrepreneurship Cell (E-Cell) and Achievements:

- **E-Cell established in August 2022.**
- E-Cell members won **first prize in National Entrepreneurship Challenge (NEC)** from IIT Bombay with cash prize of Rs 70,000 and online course resources worth of Rs 5 lakhs.
- Received funds: The college has got **Impact lecture funds (Rs 12,000) from IIC** and **IEDC fund (Rs 2 lakhs) from Kerala Government.**

Duties and Responsibilities of E Cell - Team Catalyst (National College of Pharmacy)

Total Members: 26

Overall coordinators (2 Members)

Name: Nawal Abdul Kareem

Mobile: 6282667184

Email: nawal.ak.nak@gmail.com

Year of Study: 4

Name: Shabeebudheen PP

Mobile: 9526222835

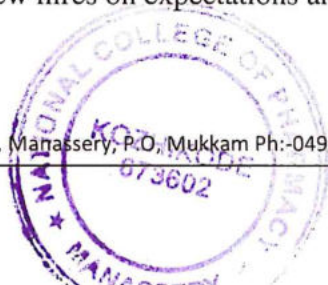
Email: shabeebudheenp22@gmail.com

Year of Study: 4

- Lead the Entrepreneurship Cell in an infinite capacity
- Prepare a schedule for all Cell activities.
- Take initiatives and get them executed through the team
- Maintain coordination among all wings of the Cell
- As and when necessary, deliver the Cell's report to the academic advisors and the principal.
- Contact alumni and other business owners to provide feedback to students who have innovative ideas
- Be responsible and accountable for all affairs of the Cell
- Organizes meetings

Operations Head (1 Member)-

- Scheduling events
- Maintain coordination among all wings of the Cell
- Ensuring the schedule is followed correctly by all departments
- Assists in finance and manages budgets
- Negotiates prices with venues, and speakers
- Trains new hires on expectations and daily activities



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Campus relations head (2 Members) -

- Handling all deals with students - answering questions and understanding their needs
- Contact Alumni and other Business owners to provide feedback to students who have innovative ideas
- Directly interact with the student entrepreneurs and keep a track of their progress
- Help out people with ideas to set up their start-up on campus
- Organize campus activities targeting entrepreneurs and provide them with a platform to interact.

Head of Media and Publicity (2 Members) -

- Direct all of the content on E-Cell's social media handles and websites.
- Manage publicity campaigns of various activities under E-Cell, ensuring timely release of social media posts and coming up with innovative publicity ideas.
- Ensure proper coverage of the events conducted by the Cell in written, still photography & videography modes

Social Media Managers (3 Members) -

- Develop, implement and manage our social media strategy.
- Manage and oversee social media content.
- Measure the success of every social media campaign.
- Stay up to date with the latest social media best practices and technologies.
- Work with content writers and designers to ensure content is informative and appealing.
- Collaborate with the Media and Publicity team
- Communicate with other E Cells via social media to create a strong network.

Content Strategy and Direction (3 Members)-

- Scheduling content
- Compiling interesting post ideas
- Collaborating with content management teams, creative teams, and writers to implement the strategy
- Performing extensive research and analysis of trends related to pop culture

Design Heads (3 Members)-

- Work in tandem with the Head of Media & Publicity and Head of marketing to design creatives for the various events and activities of the Cell, including posters, newsletters, brochures, social media posts, etc.
- Ensure timely completion of designs well before the event
- Assist Head, Media & Publicity in designing publicity campaigns for the Cell
- Be responsible for stage design during events

Content Writers (2 Members)-

- Conducting in-depth research on industry-related topics in order to develop original content.
- Developing content for blogs, articles, product descriptions, and social media.
- Assisting the marketing team in developing content for advertising campaigns.



Principals
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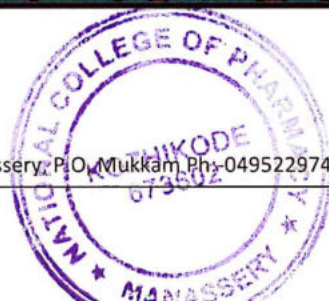
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- Proofread content for errors and inconsistencies.
- Editing and polishing existing content to improve readability.
- Conducting keyword research and using SEO best practices to increase traffic to the E-cell page.
- Creating compelling headlines and body copy that will capture the target audience's attention.

Event Management (8 Members) -

- produce detailed proposals for events (including timelines, venues, suppliers, staffing, and budgets)
- Prepare budgets and ensure adherence
- liaise with marketing teams to publicize and promote the event
- manage all pre-event planning along with coordinators.
- troubleshoot on the day of the event to ensure that all runs smoothly and to budget
- Ensure that all facilities (such as stalls, seating, etc) are properly set up before the event
- oversee the dismantling and removal of the event and clear the venue efficiently
- produce post-event evaluation to inform future events
- Research opportunities for new clients and events.

The banner features logos for e-cell, NEC KOMET, National Entrepreneurship Challenge, Celebrating 25 Years, WESTBRIDGE, IIT BOMBAY, E-SUMMIT 23, INCEPTION OF INNOVATION, Piramal, and NIELSEN. The text reads: 'Congratulation Catalyst, We are happy to announce that Catalyst has been selected for the NEC final based on your exceptional performance in the series of tasks given. The team is invited to E-Summit 2023 to perform the final tasks. E-Summit the Asia's largest business conclave where all the flagship events of E-Cell IIT Bombay converges, it comprises of speaker sessions, workshops, and competitions on the 28th and 29th of January, 2023. In finals, the team will conduct the tasks offline and report to E-Cell, IIT Bombay, and the winners will be awarded prizes worth 6 Lakhs. We are confident and expect that the team will continue to amaze us and wish you had an enjoyable, learning-packed, and truly insightful experience with NEC E-Cell IIT Bombay.' Signatures and names of Manan Goyal and Prerna Chapparwal are at the bottom.



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Moe's INNOVATION CELL (Ministry of Education, Govt of India)

LIST OF IIC INSTITUTIONS SELECTED FOR ORGANISING IMPACT LECTURES IN ONLINE MODE-PHASE 2

Sr.No	IIC ID	Institute Name	State	Zone
61	IC202013140	CARMEL POLYTECHNIC COLLEGE	Kerala	South-West/SWRO
62	IC202115702	Devamatha College, Kuravilangad	Kerala	South-West/SWRO
63	IC202014437	ERANAD KNOWLEDGE CITY TECHNICAL CAMPUS	Kerala	South-West/SWRO
64	IC201912219	Ilabia College of Engg. and Technology	Kerala	South-West/SWRO
65	IC202014207	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY	Kerala	South-West/SWRO
66	IC202014357	IVOTHE ENGINEERING COLLEGE	Kerala	South-West/SWRO
67	IC202115829	Karim University, Kannur	Kerala	South-West/SWRO
68	IC202014354	KMP COLLEGE OF PHARMACY	Kerala	South-West/SWRO
69	IC202115880	L.B.S College of Engineering, Kasaragod	Kerala	South-West/SWRO
70	IC202015242	LITTLE FLOWER COLLEGE	Kerala	South-West/SWRO
71	IC202115938	Lourdes Matha College of Science and	Kerala	South-West/SWRO
72	IC201912929	MAHAGURU INSTITUTE OF TECHNOLOGY	Kerala	South-West/SWRO
73	IC202014347	MAILIS ARTS & SCIENCE COLLEGE	Kerala	South-West/SWRO
74	IC201912372	Mar Basellos Christian College of Engineering and Technology	Kerala	South-West/SWRO
75	IC202014924	Mar Thoma College For Women	Kerala	South-West/SWRO
76	IC201910736	Marian College of Engineering	Kerala	South-West/SWRO
77	IC201910209	MES KEVVEYAM COLLEGE	Kerala	South-West/SWRO
78	IC201912460	MES PONNANI COLLEGE	Kerala	South-West/SWRO
79	IC202014934	MOSC College of Nursing	Kerala	South-West/SWRO
80	IC202015461	N.A.M College	Kerala	South-West/SWRO
81	IC202014781	NATIONAL COLLEGE OF PHARMACY	Kerala	South-West/SWRO
82	IC202115918	NIRMALA COLLEGE OF HEALTH SCIENCE	Kerala	South-West/SWRO
83	IC202014665	NSS COLLEGE OF ENGINEERING	Kerala	South-West/SWRO
84	IC202015180	SADANAM INSTITUTE OF COMMERCE AND MANAGEMENT STUDIES	Kerala	South-West/SWRO
85	IC202115594	SAHRDAYA COLLEGE OF ADVANCED	Kerala	South-West/SWRO
86	IC202115607	School of Engineering	Kerala	South-West/SWRO
87	IC201912809	SCMS School of Technology & Management	Kerala	South-West/SWRO
88	IC202115807	Sree Narayana College for Women	Kerala	South-West/SWRO

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Principal
National College of Pharmacy

Funds released by MIC, Innovation cell towards the conduct of Impact lecture series in 2022

KERALA STARTUP MISSION
Abstract
Kerala Startup Mission - Establishment of new Innovation and Entrepreneurship Development Center - Sanctioned - Order Issued

KERALA STARTUP MISSION
Date: 05.12.2022
Order No: KSUM/013/2020 dated 16.09.2020

ORDER

Sanction is accorded for release of Rs. 28 Lakhs to the 14 IIC's towards grant. The expenditure met from Evangelisation - colleges - grant to new IIC. The detailed list attached below:

Sl No	Name of the College	Recommended Amount
1	K.M.A College Of Architecture	200000
2	Nebru College of Nursing	200000
3	AWH Engineering college	200000
4	K.M.C. Medical College	200000
5	National College of Pharmacy	200000
6	Christ Nagar College, Manamallur	200000
7	EME.A College of Arts Science Kandyatty	200000
8	Malabar College of Advanced Studies Vengara	200000
9	Malabar Polytechnic College, Kottakkal	200000
10	MES Mannapad College (Autonomous)	200000
11	AL-ZHEAR College of Engineering & Polytechnic	200000
12	St. Stephens College	200000
13	Labour India College	200000
14	Trayankore Engineering College	200000
Total		2800000

To:
The Institutions concerned
File No. KSUM/405/2022-AM(Funding)

Forwarded/ By Order
B. Sreekanth Nair
Secretary & Registrar

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Fund (Rs 2 Lakhs) released by Kerala Startup Mission (KSUM) IN December, 2022



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IEDC


The Innovation and Entrepreneurship Development Centers (IEDC) and IICs are platforms set up in the college with an aim to provide students an opportunity to experiment and innovate. IEDCs works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world class infrastructure, high quality mentorship, early risk capital and global exposure. Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission (KSUM) to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala and is considered as an umbrella program that would play an instrumental role in fostering innovation culture in Academic institutions. The concept of Innovation and Entrepreneurship Development Centre (IEDC) is formulated to promote innovation and entrepreneurial culture in educational institutions and to develop institutional mechanisms to foster techno-entrepreneurship for generation of wealth and employment. The IEDC was established in National College of pharmacy (NCP) in December 2022. The college has received Rs 2 Lakhs fund from KSUM to foster the culture of innovation and entrepreneurship activities in the young mindset of NCP students. By establishing an IEDC, NCP is taking a significant step toward nurturing a spirit of innovation and entrepreneurship among its students, which can have a positive impact on the local and regional economy and help students realize their entrepreneurial aspirations.

MEMBERS OF IEDC

Dr. Kathirvel (IEDC Nodal officer)

Ms. Sareena A (Assistant Nodal officer)




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Innovation Related Activities Conducted under IEDC

(December 2022 to May 2023)

S.No	Name of the Program conducted
1.	Orientation Session on Young Innovators Programme (YIP) by K-DISC (Kerala Development Innovation Strategy Council)
2	Workshop on 3D Designing and 3D Printing
3	Boot camp
4	Awareness Programme on Waste Management : Present Scenario and its Remedy- A need of Innovation
5	Selection of Statistical Analysis Methods in Research and Innovations
6	Workshop on Design Thinking, Critical Thinking and Innovation Design
7	Field visit & participation in national level entrepreneurship challenge programme conducted by IIT Bombay
8	Workshop on Entrepreneurship skill, Attitude and Behavior Development
9	National start up day
10	Idea Pitching Competition
11	Attending IEDC Summit 2023

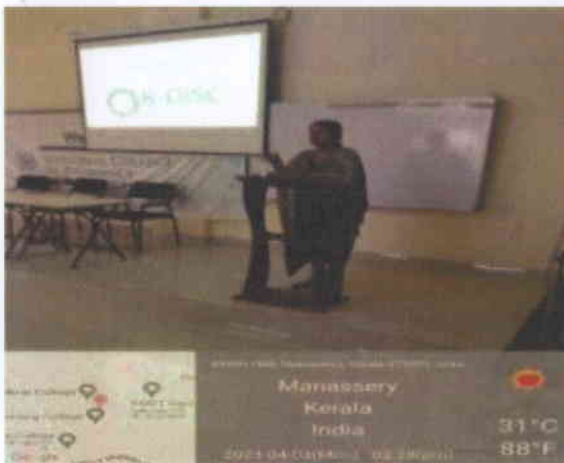


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Orientation Session on Young Innovators Programme (YIP) by K-DISC (Kerala Development Innovation Strategy Council)



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**AWARENESS PROGRAMME ON
WASTE MANAGEMENT:
PRESENT SCENARIO &
ITS REMEDY**

17th February 2023
Friday | 2.00 PM

Resource Person
K.P. Radhakrishnan
Asst. Prof/In-charge
Sri. Yashwanth, Kozhikode

KMCT Medical College Campus, Mukkam, Kozhikode - 673602 | www.nationalcollegeofpharmacy.org

Awareness Programme on Waste Management : Present Scenario and its Remedy-

A need of Innovation



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Selection of Statistical Analysis Methods in Research and Innovations

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Workshop on Design Thinking, Critical Thinking and Innovation Design

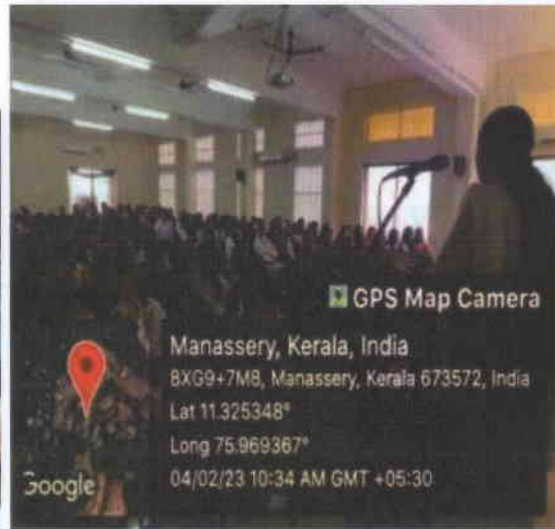
4th February 2023 | 10 AM

Ms. Deepika
B.Pharm, B.Pharm (Hons) 2011, Assistant Professor, Department of Pharmaceutics, NCP College of Pharmacy, Kozhikode

Venue: NCP Seminar Hall

Organized by IC, e-cel, IQAC and EDC National College of Pharmacy

KMCT Medical College Campus, Mankulam, Kozhikode - 673003 | www.nationalcollegeofpharmacy.org



Workshop on Design Thinking, Critical Thinking and Innovation Design



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Workshop on Entrepreneurship Skill, Attitude and Behaviour Development

Resource Person
Mr. Naseef Nazar
(Ex- Founder- FarmSafe)

18th January 2023 | 11:30 am

NCP Seminar Hall

Organized by BK, E-Cell, KRC and IEDC National College of Pharmacy

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KMCT National College Campus, Manassery - 673572 | www.nationalcollegeofpharmacy.org



Workshop on Entrepreneurship skill, Attitude and Behaviour Development



National start up day



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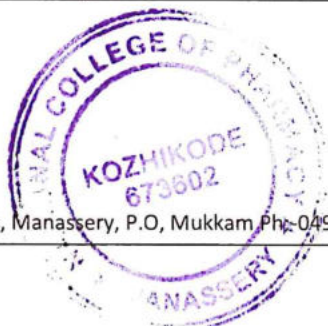
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IPR, Patents and Innovation:

- **11 patents filed**, 10 published, and one German patent granted. IPR Awareness program were also conducted

Title	Application number	Granted/awarded	Name of the inventor
<i>Synthesis of 3-substituted Benzylidene-1-2- Diphenyl-4-[2-phenyl Hydrazone] azetidine.</i>	Date of Filing: - 14/08/2018 Application Ref no: - 201841030578	Published (21/11/2018)	1. Dr. T. Panneerselvam 2. Mr. R. Anand 3. Dr.Kathirvel.S 4. Dr. Joshi shrinivas d
<i>Title: - Method Development and validation of Antibiotic in Human plasma by using LC-MS/MS.</i>	<i>Date of Filing: - 10/09/2021</i> <i>Application Ref no: - 202111054484</i>	Published (03/12/2021)	1 . Dr. Irfan Ali Mohammed 2 . Mrs. Tehzeeb 3 . Dr. Palanimuthu Rajeevkumar 4 . Dr.(Mrs).S.V.Rekha 5 . Dr. P. R. Vijay Anand 6 . Dr. Manish Majumder 7 . Dr. Asif Iqbal Karigar 8 . Dr S. Kathirvel 9 . Dr. Lalitha K. G 10 . Prof. Dr. L. V. Vigneshwaran
A Method for preparation of a Transdermal Patch.	Date of Filing: - 28/09/2021 Application Ref no: - 202141044032	Published (08/10/2021)	Dr.J.MuthuKumar Dr.P.PremKumar Dr.R.Vijaya Dr.Venkatachalam Dr.Kathirvel.S Dr SenthilKumar
<i>A Method for Extraction of Garcinia Indicia Leaf Extract and Evaluation of the Anti obesity Activity thereof.</i>	Date of Filing: - 27/12/2021 Application Ref no: - 202141061029	Published - 04/02/2022	1 . Dr. Rama Narsimha Reddy Anreddy 2 . Dr. Sudha Parimala 3 . Dr. Akash Marathakam 4 . Dr.M. Sri Ramachandra 5 . Dr. Arul Prakasam KC 6 . Dr P.Pandian 7 . Dr.G.Alagumani vasagam 8 . Dr.A.Kottai Muthu 9 . Dr. J. Amutha Iswarya Devi 10 . Mr. Ashish Singhai



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<i>Stability indicating method development and validation of anticancer drug using RP HPLC.</i>	<i>Date of Filing: - 31/12/2021 Application Ref no: - 202141062144</i>	Published - 04/02/2022	1 . Dr. Ajay Kumar TV 2 . Dr Uma Nath U 3 . Dr. V. Parthasarathy 4 . Dr. K. Anitha 5 . Dr R.A.M. Jainaf Nachiya 6 . Dr. Subash Chandran M P 7 . Dr. Akash Marathakam 8 . Dr. Sreejith M 9 . Dr. M.S. Premalatha 10 . Dr. P. Premkumar
<i>Method for the determination of relative substances in sulisobenzone by using RP-HPLC.</i>	<i>Date of Filing: - 03/02/2022 Application Ref no: - 202241005918</i>	Published -11/02/22	1 . Dr .Balan P 2 . D.Sherisha Bhavani 3 . Nagesh Vaddiraju 4 . Dr.Akash Marathakam 5 . Dr.B.Rajkamal 6 . Harikrishna Rajasekhara Kurup 7 . Ayesha Begum Khadernaick 8 . Mr .Rajeev P Thomas 9 . Dr.Siju E N 10 . Gode Sunny Grace
<i>Ethanollic Extract of Argyreia Nervosa with Anticonvulsant And Anxiolytic Activity.</i>	<i>Date of Filing: - 03/11/2022 Application Ref no: - 202241062745</i>	Published:- 18/11/2022	1 . Peta Sudhakar 2 . Shanaz Banu 3 . Dr A V Badri Nath 4 . Dr. Uttam Prasad Panigrahy 5 . M. Shyamala 6 . Swarupa Arvapalli 7 . Dr. C. Madhusudhana Chetty 8 . Dr. Akash Marathakam 9 . Dr. Vakkalagadda Ravi Kumar




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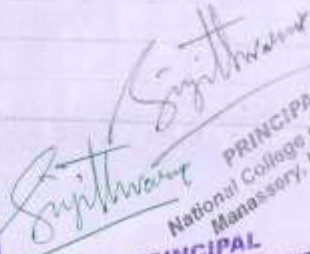
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 INTELLECTUAL PROPERTY INDIA
INTELLECTUAL PROPERTY RIGHTS
GEOGRAPHICAL INDICATIONS (<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202141061029
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/12/2021
APPLICANT NAME	1 . Dr. Rama Narsimha Reddy Anreddy 2 . Dr. Sudha Parimala 3 . Dr. Akash Marathakam 4 . Dr.M. Sri Ramachandra 5 . Dr. Arul Prakasam KC 6 . Dr P.Pandian 7 . Dr.G.Alagumanivasagam 8 . Dr.A.Kottal Muthu 9 . Dr. J. Amutha Iswarya Devi 10 . Mr. Ashish Singhal
TITLE OF INVENTION	A METHOD FOR EXTRACTION OF GARCINIA INDICA LEAF EXTRACT AND EVALUATION OF THE ANTI-OBESITY ACTIVITY THEREOF
FIELD OF INVENTION	BIOTECHNOLOGY
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PUBLICATION DATE (U/S 11A)	04/02/2022



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(54) Title of the invention : A METHOD FOR EXTRACTION OF GARCINIA INDICA LEAF EXTRACT AND EVALUATION OF THE ANTI-OBESITY ACTIVITY THEREOF

(51) International classification :A61K0036380000, A23L0033105000, B01D0003080000, B01D0011620000, C07C0045780000

(86) International Application No :PCT/ Filing Date :01/01/1900

(87) International Publication No :NA

(61) Paters of Addition to Application Number :NA Filing Date :NA

(82) Divisional to Application Number :NA Filing Date :NA

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 Name of Applicant : NA
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(57) Abstract :
ABSTRACT A METHOD FOR EXTRACTION OF GARCINIA INDICA LEAF EXTRACT AND EVALUATION OF THE ANTI-OBESITY ACTIVITY THEREOF The present disclosure relates to method for extracting Garcinia indica leaf methanolic extract and the evaluation of its anti-obesity activity. The method involves collecting, drying and grinding of Garcinia indica leaves, followed by Soxhlet extraction in methanol. The resulting extract is filtered and the solvent is removed by distillation in a rotary evaporator to obtain solid residue. This extract is used for evaluation of acute toxicity and anti-obesity activity in adult female albino wistar rat model using Attervastatin as standard treatment. Anti-obesity activity was evaluated by measurement of total cholesterol, triglycerides, HDL and LDL cholesterol levels. (FIG. 1 will be the reference figure)

No. of Pages : 14 No. of Claims : 2

The Patent Office Journal No. 05/2022 Dated 04/02/2022

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Application Details	
APPLICATION NUMBER	202141062144
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/12/2021
APPLICANT NAME	1 . Dr. Ajay Kumar TV 2 . Dr Uma Nath U 3 . Dr. V. Parthasarathy 4 . Dr. K. Anitha 5 . Dr R.A.M. Jainaf Nachiya 6 . Dr. Subash Chandran M P 7 . Dr. Akash Marathakam 8 . Dr. Sreejith M 9 . Dr. M.S. Premalatha 10 . Dr. P. Premkumar
TITLE OF INVENTION	STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD
FIELD OF INVENTION	PHYSICS
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APPLICATION NUMBER	202141062144
APPLICATION TYPE	ORDINARY APPLICATION
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APPLICANT NAME	1 . Dr. Ajay Kumar TV 2 . Dr Uma Nath U 3 . Dr. V. Parthasarathy 4 . Dr. K. Anitha 5 . Dr R.A.M. Jainaf Nachiya 6 . Dr. Subash Chandran M P 7 . Dr. Akash Marathakam 8 . Dr. Sreejith M 9 . Dr. M.S. Premalatha 10 . Dr. P. Premkumar
TITLE OF INVENTION	STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD
FIELD OF INVENTION	PHYSICS
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PRIORITY DATE	
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PUBLICATION DATE (U/S 11A)	04/02/2022

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(19) INDIA

(22) Date of filing of Application :31/12/2021

(43) Publication Date : 04/02/2022

(54) Title of the invention : STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD

(51) International classification	:G01N0030020000, A61K0031655000, G01N0030060000, C12N0007000000, G01N0030880000
(86) International Application No	:PCT/
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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8) Dr. Sreejith M

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Name of Applicant : NA
Address of Applicant : NA

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(57) Abstract :
ABSTRACT STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD Aspects of present disclosure relate to a stability indicating method development and validation of anticancer drug using Reverse Phase-High Performance Liquid Chromatography (RP-HPLC) method. Initial chromatographic conditions were set and different trials were run to Dacarbazine got eluted with good peak symmetric properties. Mobile phase 0.1 % OPA buffer PH 5.0 : Acetonitrile (90:10 % v/v), flow rate 1ml, and detection wave length at 323 nm conditions were finalized as optimized method. A stability study on Dacarbazine was carried out and an efficient HPLC method for quantification and identification of its degradation products in bulk drug was developed and validated. Figure 7 shall be reference figure.

No. of Pages : 28 No. of Claims : 7



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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141062144 A

(19) INDIA

(22) Date of filing of Application :31/12/2021

(43) Publication Date : 04/02/2022

(54) Title of the invention : STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD

(51) International Classification :G01N0030020000, A61K0031655000, G01N0030060000, C12N0007000000, G01N0030880000

(86) International Application No :PCT/ Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

(71) Name of Applicant :
 1) Dr. Ajay Kumar TV
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 6) Dr. Subash Chandran M P
 7) Dr. Akash Marathakam
 8) Dr. Sreejith M
 9) Dr. M.S. Premalatha
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 Name of Applicant : NA
 Address of Applicant : NA

(72) Name of Inventor :
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 Address of Applicant :R&D Scientist, Azidus Laboratories Ltd, Rathinamangalam, Vandalur Chennai, Tamil Nadu
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(57) Abstract :
 ABSTRACT STABILITY INDICATING METHOD DEVELOPMENT AND VALIDATION OF ANTICANCER DRUG USING RP-HPLC METHOD Aspects of present disclosure relate to a stability indicating method development and validation of anticancer drug using Reverse Phase-High Performance Liquid Chromatography (RP-HPLC) method. Initial chromatographic conditions were set and different trials were run to Dacarbazine got eluted with good peak symmetric properties. Mobile phase 0.1 % OPA buffer PH 5.0 : Acetonitrile (90:10 % v/v), flow rate 1ml, and detection wave length at 323 nm conditions were finalized as optimized method. A stability study on Dacarbazine was carried out and an efficient HPLC method for quantification and identification of its degradation products in bulk drug was developed and validated. Figure 7 shall be reference figure.

No. of Pages : 28 No. of Claims : 7



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सेरविशियल इंडिकेशन्स (<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202241005918
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/02/2022
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TITLE OF INVENTION	METHOD FOR THE DETERMINATION OF RELATIVE SUBSTANCES IN SULISOBENZONE BY USING RP-HPLC
FIELD OF INVENTION	PHYSICS
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(12) PATENT APPLICATION PUBLICATION (21) Application No.202241005918 A
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 (22) Date of filing of Application :03/02/2022 (43) Publication Date : 11/02/2022

(54) Title of the invention : METHOD FOR THE DETERMINATION OF RELATIVE SUBSTANCES IN SULISOBENZONE BY USING RP-HPLC

(51) International classification	:G01N0030060000, G01N0030020000, G01N0021310000, G01N0031140000, C10L0001020000	(71)Name of Applicant : 1)Dr .Balas P Address of Applicant :Professor ,Department of Pharmaceutical Chemistry ,Al Shifa College of Pharmacy , Kizhatur ,Perinthalmanna TK, Malappuram Dt, Kerala
(56) International Application No	:PCT/	2)D.Sherisha Bhavani 3)Nagesh Vaddiraja 4)Dr.Akash Marathakam 5)Dr.B.Rajkumar 6)Harikrishna Rajasekhara Kurup 7)Aysha Begum Khadernaik 8)Mr .Rajeev P Thomas 9)Dr.Siju E N 10)Gede Sunny Grace
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(57) Abstract :
 ABSTRACT METHOD FOR THE DETERMINATION OF RELATIVE SUBSTANCES IN SULISOBENZONE BY USING RP-HPLC The method for determination of Benzophenone, Ben-1, Ben-3 in Sulisobenzone and validate it for accuracy through recovery studies and applying the same for its estimation in Sulisobenzone sample. The method of preparation of a standard solution of Sulisobenzone by preparing (101) standard solution (A and B) and sample solution and weighing (111) (solution A) of BEN-1, BEN-3 and of benzophenone in to 50ml volumetric flask by adding 10ml (112) of methanol to it and dissolving the contents and making the volume up to the mark with methanol. The Pipetting (113)ml of solution A (for solution B) is to 100ml volumetric flask and making the volume upto the mark with methanol. The weighing (114) of sample solution of sulisobenzone is to 50ml volumetric flask and Adding 20ml of methanol and dissolving the contents and making the volume upto the mark with methanol.

No. of Pages : 20 No. of Claims : 8

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Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 101 545

Bezeichnung:
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IPC:
A61N 1/36

Inhaber/Inhaberin:
Khuntia, Tapas Kumar, Cuttack, IN
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Udayam, Akshay Kumar, Kozhikode, IN

Tag der Anmeldung:
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Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäfer
Cornelia Rudloff-Schäfer
München, 30.06.2022

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Deutsches Patent- und Markenamt

DPMA register

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Register information for utility models

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INID	criteria	Field	contents
	property right type	SART	utility model
	status	ST	In Effect
21	Case number DE	DAKZ	20 2022 101 545.7
54	designation/title	ti	A medical device used to treat neurological disorders
51	IPC main class	ICM (ICMV)	A61N 1/36 (2006.01)
51	IPC minor class(es)	ICS (ICSV)	A61N 1/08 (2006.01) , A61N 1/02 (2006.01) , A61N 1/18 (2006.01)
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INID	criteria	Field	contents		
71/73	Applicant/Owner	INH	Khuntia, Tapas Kumar, Cuttack, IN, Kumar, Pasupuleti Kishore, Hyderabad, IN, Madhavankutty, Sreejith, Thiruvanthapuram, IN, Marathakam, Ajayash, Kozhikode, IN , Mohanta, Bibhash Chandra, Mayurbhanj, IN, Pooja, Agarwal, Hyderabad, IN, Ravi, Jobin, Kozhikode, IN, Sahithi, Alapati, Hyderabad, IN, Singhai, Ashish, Bhopal, IN, Udayam, Akshay Kumar, Kozhikode, IN		
74	Representative	VTR	Dilg, Haeusler, Schindelmann Patentanwalts-gesellschaft mbH, 80636 Munich, DE		
30	Published DE documents	DEPN	Original document: DE202022101545U1 Searchable text: DE202022101545U1		
	delivery address		Dilg, Haeusler, Schindelmann Patentanwalts-gesellschaft mbH, 80636 Munich, DE		
	Due date	FT FG	03/31/2025 maintenance fee for the 4th-6th Year		
43	initial release date	PUB	06/30/2022		
	Day of first transfer to DPMAregister	ENERGIZED	06/30/2022		
	Day of the (last) update in DPMAregister	REG	08/11/2022 (show all update days)		
PROCEDURAL DATA					
No.	procedure type	status of proceedings	status of proceedings ▲	initial release date	Show all details
1	pre-trial	The application is in the preliminary examination	03/24/2022		View Details
2	utility model proceedings	Registration of the utility model	06/30/2022		View Details
3	publications	utility model specification	08/11/2022	08/11/2022	View Details

You are here: [DPMAregister homepage](#) > [Patents and utility models](#) > Detailed view



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10/14/23, 12:39 PM

IMG-20220318-WA0033.jpg

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202141044032 A

(19) INDIA

(22) Date of Filing of Application : 28/09/2021

(43) Publication Date : 08/10/2021

(54) Title of the invention : A METHOD FOR PREPARATION OF TRANSDERMAL PATCH

(71) Name of Applicant :

1) Dr. J Mathu Mohamed
Address of Applicant : Professor & HOD, Department of Pharmaceutics, College of Pharmacy, Sri Indra Ganesan Institute of Medical Science, Tiruchirappalli-620012, Tamil Nadu, India

2) Dr. P. Premkumar

3) Dr. Uma Nath U

4) Dr. R Vijaya

5) Dr. Sandip Mondal

6) Dr. T Venkateshulam

7) Dr. S Kathirvel

8) Dr. S.R. Senthilkumar

9) Dr. Tamil Mondal

10) Dr. Palanimuthu Rajeevkumar

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

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Address of Applicant : Professor, Department of Pharmaceutics, Cheran Go Institution, Cheran college of pharmacy, Coimbatore 641008, Tamilnada -

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Address of Applicant : Professor, Department of Pharmaceutical Chemistry, College of Pharmacy, Pilathara, Vilayamcode Pn, Kannur, Kerala

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Address of Applicant : Professor, College of Pharmacy, Sri Indra Ganesan Institute of Medical Science, Tiruchirappalli-620012, Tamil Nadu, India

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10) Dr. Palanimuthu Rajeevkumar

Address of Applicant : Assistant Professor, School of Pharmacy, College of & Medical Sciences, Haramaya University -Hara Campus, Hara (Post), B East Africa, P.Box.No:235

(51) International classification

A61K 9/70

(86) International Application No.

PCT:

Filing Date

01/01/1900

(87) International Publication No.

NA

(61) Patent of Addition to Application Number

NA

Filing Date

NA

(62) Divisional to Application Number

NA

Filing Date

NA

(57) Abstract :

ABSTRACT A METHOD FOR PREPARATION OF TRANSDERMAL PATCH The present disclosure relates to a method (100) for preparation of transdermal patch. The said method (100) comprises the steps of preparing (102) dissolving CNZ in 0.5 ml citric acid, followed by making (104) adding dissolved CNZ in H ESO₉ps, followed by forming (106) adding 30 ml of solvent mixture of dichloromethane and methanol in a ratio of 1:1 (108) setting aside the dissolved CNZ in tube for at least 4 hours (110) adding PEG 400 to the dissolved CNZ in the test tube to form a transdermal patch. (Fig. 1) will be the reference figure

No. of Pages : 12 No. of Claims : 5

The Patent Office Journal No. 41/2021 Dated 08/10/2021



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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111054484 A

(19) INDIA

(22) Date of filing of Application :25/11/2021

(43) Publication Date : 03/12/2021

(54) Title of the invention : METHOD DEVELOPMENT AND VALIDATION OF ANTIBIOTIC IN HUMAN PLASMA BY USING LC-MS/MS

(51) International classification: A61K0051650000; G01N3000000000; G01N3000000000; G01N3000000000; G01N3000000000

(66) International Application No. : NA

Filing Date : NA

(67) International Publication No. : NA

(61) Patent of Addition to Application Number : NA

Filing Date : NA

(52) Divisional to Application Number : NA

Filing Date : NA

(71) Name of Applicant :
 1) Dr. Irfan Ali Mohammed
 Address of Applicant : Assistant Professor, Department of Pharmaceutical sciences, Bin Sina National College for Medical Sciences, Al-Madjar Jeddah, Kingdom of Saudi Arabia. -----

2) Mrs. Fehzeeh
 3) Dr. Palanisathu Rajeskanar
 4) Dr.(Mrs).S.V.Redha
 5) Dr. P. R. Vijay Anand
 6) Dr. Manish Majumdar
 7) Dr. Asif Iqbal Karigar
 8) Dr. S. Kattirvel
 9) Dr. Lalitha K. G
 10) Prof. Dr. L. V. Vigneshwaran
 Name of Applicant : NA
 Address of Applicant : NA

(72) Name of Inventor :
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3) Dr. Palanisathu Rajeskanar
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4) Dr.(Mrs).S.V.Redha
 Address of Applicant : Associate Professor (Espairine Faculty), School of Medicine, College of Medicine & Health Sciences, Dindawan University, Dindawan, Ethiopia, East Africa -----

5) Dr. P. R. Vijay Anand
 Address of Applicant : Professor, Dept of Pharmaceutical Chemistry, United College of Pharmacy Gushoor Village, Perianthekuppilayam, Coimbatore . Tamil nadu -----

6) Dr. Manish Majumdar
 Address of Applicant : Asst Professor, Sri Adichunchanagiri College of Pharmacy, Adichunchanagiri University, B. G. Nagar, Nagamangala, Mysuru, Karnataka -----

7) Dr. Asif Iqbal Karigar
 Address of Applicant : Professor and HOD, Manatha Minda's College of Pharmacy Belgium 996018, Karnataka -----

8) Dr. S. Kattirvel
 Address of Applicant : Professor & HOD, Department of Pharmaceutical Analysis, National College of Pharmacy, KMCT Group of Institutions, Manassery, Mukkam Post, Kozhikode, Kerala -----

9) Dr. Lalitha K. G
 Address of Applicant : Professor and Head, Department of Pharmaceutical Chemistry, Ultra College of Pharmacy, Madurai 625020, Tamil Nadu, India -----

10) Prof. Dr. L. V. Vigneshwaran
 Address of Applicant : Professor & Head, Department of Pharmaceutics, Sree Abhinav College of Pharmacy, Eechaneri, Coimbatore, Tamil Nadu, India -----

(57) Abstract :
 The method development and validation of Doxycycline in human plasma by using LC-MS/MS, operating in the positive ionization mode, for quantifying of Doxycycline in human plasma using Moxicycline as internal standard (I.S.) was developed and validated, and ion source used was Turbo v ion source the analysis and internal standard were extracted by Liquid-liquid extraction technique detection was made in MRM mode. The chromatographic separation was achieved on Inertsil ODS (2µm, 4.6 100mm) using 1.0% Formic acid : Acetonitrile (60:40) v/v. The results of recovery test, linearity, precision and accuracy, stability, dilution integrity, run time evaluation test presented in this report are within the acceptance range. The robust and rapid LC-MS/MS method has been successfully applied for routine assay to support bioequivalence or pharmacokinetics studies of doxycycline administered as a single oral dose to healthy volunteers

No. of Pages : 14 No. of Claims : 10



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The Patent Office Journal No. 49/2021 Dated 03/12/2021

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Certificate of Appreciation from NIPAM, Government of India for conducting IPR Program

Webinar on IPR Awareness

Under the Flagship of KAPILA - Kalam Program for IP Literacy and Awareness Campaign
Supported by - MOE's Innovation Cell (MIC), AICTE, New Delhi
Department of Promotion of Industry and Internal Trade (DPIIT)

12th July, 2022 | 10.30 am to 12.00 pm | **webex**

Resource Person
Dr. R. Kartik
Examiner of Patent and Designs, Officer (Group 'A' Gazette)
Intellectual Property Office, Govt. of India

E-certificate will be provided to all participants

Scan QR Code For Registration

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IPR Awareness Program



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One Day Lecture on
"The Pharma Sector and Intellectual Property Rights Pros and cons"
Organized by
Department of Pharmaceutical Analysis

8th July 2022 | Friday | 11 am
Venue: NCP Seminar Hall

Resource Person
Dr. M. JAGADEESWARAN
Professor,
Department of Pharmaceutical Analysis,
Naraha College of Pharmacy, Ernakulam

KMCT Medical College Campus, Mukkam, Kozhikode - 673602



Seminar on Pharma Sector and IPR



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Workshop on
Intellectual Property Rights (IPR) & IP Management for Startup

11th May 2023 | Thursday | 10:30 AM
Venue: NCP Seminar Hall

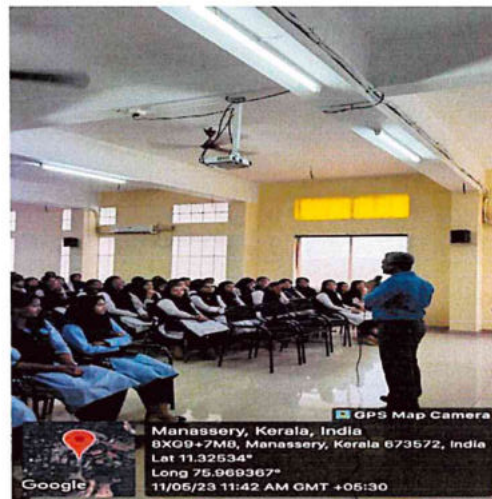
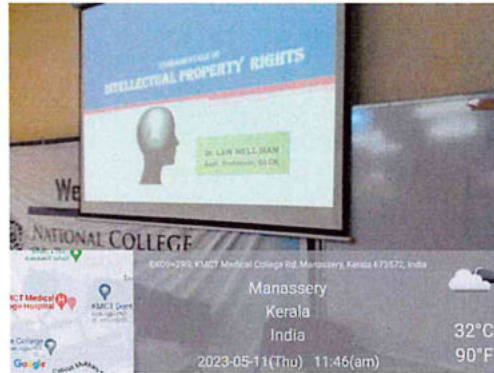
Dr. Lawwellman P
Asst Professor, Government Law College
P.O. - Marikunna, Kozhikode

Organized by IC, e-cell, IQAC and IIEEC National College of Pharmacy
Department of Pharmaceutical Analysis

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Workshop on IPR and IP Management for Startup



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Fostering Pharmacy Innovation:

- Favorable environment for **UG, PG students, and research scholars** with research-related facilities and guidance.
- Active student involvement in the innovation ecosystem on campus.
- **Incubation center** established on campus for developing innovations and start-ups.

Innovations and Incubation:

- **Incubation facilitators appointed** to assist students in developing and converting innovations into prototypes.
- IIC and incubation center collaborate to provide a comprehensive ecosystem for nurturing innovative ideas.
- Regular workshops, seminars, and mentorship programs conducted through the **Incubation center** to guide students in refining their ideas.
- **Access to state-of-the-art facilities** within the incubation center for designing, testing, and prototyping innovative solutions.
- Funding opportunities and **seed grants** offered to promising projects to support their development.
- Networking events and interaction with industry experts to **connect innovators with potential collaborators and investors**.
- Successful stories of student-led start-ups emerging from the incubation center, contributing to the local economy and job creation.



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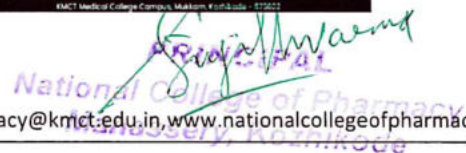
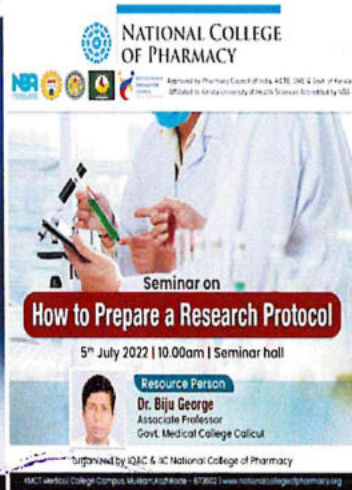
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IC MEMBERS OF NCP (IA Basic level Training Program)



Eight staff members have been selected for **Innovation Ambassador (IA)** Training program. They have successfully completed the Basic training programme and obtained certificates

GLIMPSES OF THE PROGRAMMES CONDUCTED UNDER SELF DRIVEN ACTIVITY





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MPACT LECTURE SERIES

NCP has been selected as one among the 600+ institutions in India, to get grant for conducting Impact Lecture series. The two sessions were completed successfully.

IMPACT LECTURE SESSIONS
Sponsored by - MoE's Innovation Cell (MIC), AICTE, New Delhi

Session 1
16th June, 2022

Session on **Innovation/ Prototype validation-Converting Innovation into a start up**
10.30 am to 12.00 pm

Guest Speaker
Prof. Dr. Jyoti Chandwani
Associate Dean Academics
Vishwanath Education Society's Institute of Management Studies and Research, Mumbai, Maharashtra

Webinar on **Intellectual Property Rights and IP Management for Startup**
1.30 pm to 3.30 pm

Guest Speaker
Mr. Salikh S
Technical officer
Kerala State Council for Science, Technology and Environment (KSCSTE) Trivandrum, Kerala

E-certificate will be provided to all participants

Principal: Dr. Sujith Varma K | IIC President: Dr. Kathirvel S | Conveners: Ms. Sareena, Mr. Akhil Hari

IMPACT LECTURE SESSIONS
Sponsored by - MoE's Innovation Cell (MIC), AICTE, New Delhi

Session 2
29th June, 2022

Session on **Women Entrepreneurs (Why Women Founders Succeed as Entrepreneurs)**
10.30 am to 12.00 pm

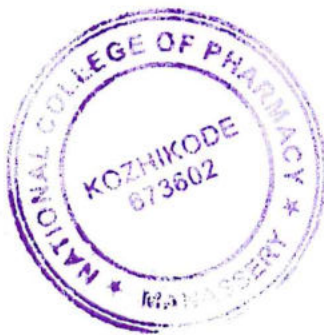
Guest Speaker
Dr. Nisha Mukund
Head- Startup investment & Acceleration,
Lifesciences vertical Crescent Innovation & Incubation Council Vandalur, Tamilnadu

Webinar on **Innovation Journey from Plastic to Bamboo**
2.30 pm to 4.00 pm

Guest Speaker
Mr. Yogesh Shinde
Founder- Bamboo India
Social Entrepreneur & TEDx Speaker

E-certificate will be provided to all participants

Principal: Dr. Sujith Varma K | IIC President: Dr. Kathirvel S | Conveners: Ms. Sareena, Mr. Akhil Hari



Sujith Varma
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DECEMBER 14
NATIONAL ENERGY CONSERVATION DAY

Organized by
 Department of Pharmacology, NSS UNIT, IQAC & IIC
 National College of Pharmacy

- Awareness Programs on Energy Conservation
- Essay Writing Competition

Instagram YouTube Facebook LinkedIn /nationalcollegeofpharmacy

National Conservation Day on 14-12-2022

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NATIONAL STARTUP DAY

18th January 2023 | NCP Seminar Hall | 10 AM

Resource Person:
Ms. Noureen Aysha
 (Co-Founder - Femsafe)

Organized by IIC, e-cell, IQAC and IEDC National College of Pharmacy
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National Start-up Day on 18-1-2023



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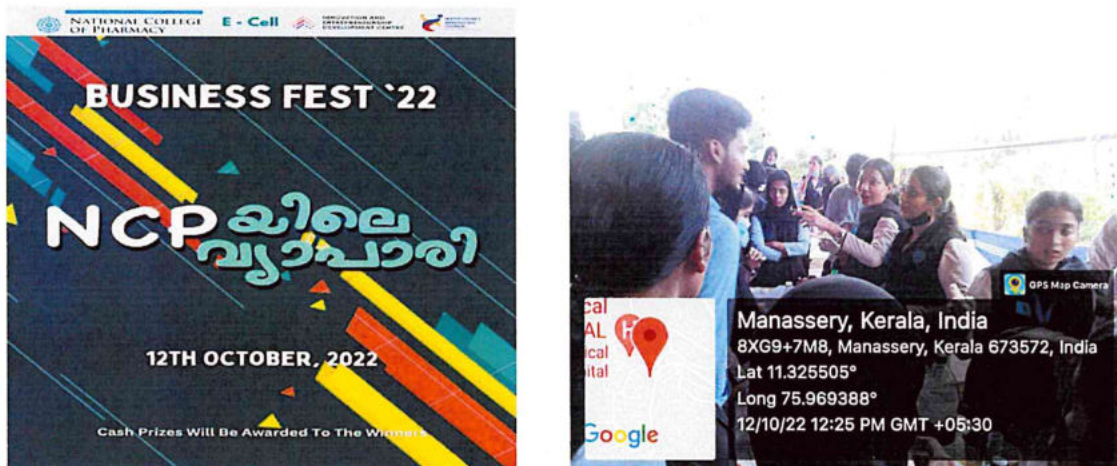
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International Women's Day on 8-3-2023

SELF-DRIVEN ACTIVITY



Business Fest-2022



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STARTUP BOOT CAMP
IEDC is organizing Two Day Startup Boot Camp to screen, incubate and scale up early stage ideas.
February 27-28, 2023
Venue: KIC (Level 5, New Block)
Knowledge Partner
For More Info
+91 8301073509 | Dr. Kathirvel S, IEDC Hostal Office, KMCT National College of Pharmacy
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Start-up Boot Camp

Workshop on 3D Modeling & 3D Printing
24th March 2023 | 11 AM to 3 PM
Venue: Level 7, KMCT Dental College Auditorium
Resource Person
Vigneshwaran S
Founder & CEO
Virtual Frontier Robotics
Organized by IEDC, KMCT Dental College & KMCT Innovation and Incubation Council (IIC)

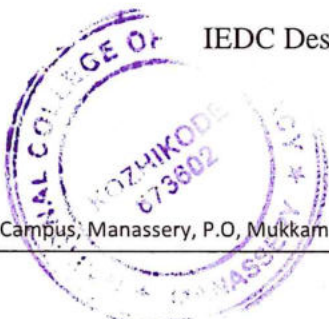


Workshop on 3D Modelling and 3D Printing

IEDC DESIGNATHON '23
Join us for an exciting day of Innovation, Creativity, & Collaboration, where IEDC Teams from KMCT Group of Institutions taking part to compete at the Designathon
IEDC Program Activities Include
(Designation, Workshop, Startup Showcase, Network)
Entry Ticket - 0/IEDC
Prize Pool - ₹15000
5th August 2023 | Saturday
09:30 am - 3:30 pm
Venue: KMCT (Level 5, New Block)
Organized by IEDC, KMCT COPS and Students Union '2023
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IEDC Designathon ' 23



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MIC-DRIVEN ACTIVITY



Celebrating Three years of NEP



MIC Leadership talk with chairman AICTE



Sujitha
Principal

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KIIC (KMCT Innovation & Incubation Center)

National College of pharmacy which comes under KMCT Group of institutions has started KIIC for supporting all of our fraternity which includes undergraduate students, post graduate students, teaching and non-teaching faculty or anyone who wants to connect to our incubation system. We facilitate best practices especially in early stage entrepreneurs and researchers who have a vision and are looking to engage and grow together. We support people at both the Incubation and Acceleration steps. The Incubation program supports ideas from conception up through development of a project. Innovative ideas can be anything between academic research and business ideas to become entrepreneurs, start up with collaborations or a researcher. We welcome ideas from everyone who is a part of our campus, may it be students, teaching faculty, office staff, clinical/lab assistant staff, technical staff etc.

Association with Kerala Start up

National college of Pharmacy is now affiliated with KERALA START UP MISSION and form an (IEDC) for pharmacy college to promote technology based entrepreneurship culture among students.

Facilities and Infrastructure



Incubation centre and facilities



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We would like to mention the benefits of KMCT incubation centre. As a large group, we have 13 educational institutions of various streams within the campus. This campus is one of the most diversified campuses including Engineering, Polytechnic, Architect, Law, Ayurveda, Medical, Pharmacy and Dental. So, participation from all the institutes make our incubation centre a success. Ideas from different institution are put together and made incubation possible with our human resources and technology from different KMCT institutions. Our incubation centre has MOU's with various institutions like NIT Calicut, MVR Cancer center, Milma Milk products etc. The access to all the industries, fab labs, and marketing agencies can easily be done through our collaborations. We have an incubation centre office including the furniture and computers in KMCT dental college itself, which is now function as incubation centre of entire KMCT institutions, Incubation Center Inauguration



Audience during inauguration of incubation centre

KMCT incubation centre facility for entire KMCT institution was inaugurated on 7 th December 2021 followed by a talk on incubation centre and introduction to start up Kerala by eminent personalities from the respective field. Dr Ravi Nodal officer IEDC, KMCT dental college delivered welcome speech. Dr Ayisha Nazreen Director Operation KMCT Group of Institutions delivered director's address followed by presidential address by Dr Manoj Kumar K P, Principal KMCT Dental College.



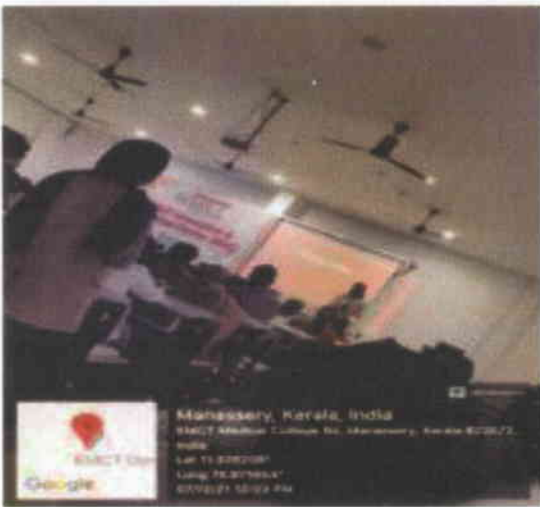
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Introduction to incubation centre was given by Mr. Vijith Kumar C V Administrative Officer TBI NIT Calicut. Aishwarya Lakshmi Technology Fellow, Kerala Start Up Mission given complete idea about Start Up Mission, FAB lab support and financial support by Government. A Total of 86 participants including faculties, post graduates and nodal and assistant nodal officers from KMCT institutions- KMCT arts and science college, KMCT Ayurveda medical college, KMCT college of allied health science, KMCT college architecture, KMCT college of nursing, KMCT dental college, National College of Pharmacy, KMCT National hospital attended the Programme.



Interactive audience during the session



Vijith Kumar C V Administrative Officer TBI NIT



Aishwarya Lakshmi
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