



RKGIT
(Pharmacy)



Pharmaware

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VISION

To be recognized as a foremost institution imparting quality pharmacy education to aspiring pharmacists with right competencies, attitude, skills and knowledge, for the greater benefit of mankind.

MISSION

To produce highly qualified and motivated graduates possessing fundamental knowledge and soft skills, who can provide sustainable solutions to health care problems.

To develop partnerships with industries, eminent institutes and government agencies in the field of pharmaceutical sciences.

To serve the community, at local, national and international levels, with a deep awareness of our ethical responsibilities towards profession and society.

PROGRAM EDUCATIONAL OBJECTIVES

OUR GRADUATES SHOULD HAVE:-

1. Have quality theoretical knowledge and practical skills on all core and allied fields of pharmaceutical sciences, so that they can face the challenges of the globalized scenario and contribute to the progress of the nation.
2. Enjoy successful careers in all settings of Pharma sector, by engaging themselves in professional development through leadership, communication, skills, teamwork and entrepreneurship.
3. Function ethically and lawfully in professional environment and exhibit good competency in their work culture.
4. Act as a link between healthcare system and community, so as to serve the society by the transmitting their knowledge, with a sense of social responsibility.
5. Participate in life long continuing education

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NBA ACCREDITED (B.PHARM)

COVID SECTION

Recomandation Announced For Influenza Vaccine Composition For 2022-23

World Health Organization (WHO) announced the recommendations for the viral composition of influenza vaccines for the 2022-2023 influenza season in the northern hemisphere. The announcement was made at an information session at the end of a 4-day Information Meeting on the Composition of Influenza Virus Vaccines, a meeting that is held twice annually. The WHO organizes these consultations with an advisory group of experts gathered from WHO Collaboration Centres and WHO Essential Regulatory Laboratories to analyze influenza virus surveillance data generated by the WHO Global Influenza Surveillance and Response System. The recommendations issued are used by the national vaccine regulatory agencies and pharmaceutical companies to develop, produce, and license influenza vaccines for the following influenza season. The periodic update of viruses contained in influenza vaccines is necessary for the vaccines to be effective due to the constant evolving nature of influenza viruses, including those circulating and infecting humans.

The WHO recommends that vaccines for use in the 2022-2023 influenza season in the northern hemisphere contain the following:

Egg-based vaccines

- an A/Victoria/2570/2019 (H1N1)pdm09-like virus;
- an A/Darwin/9/2021 (H3N2)-like virus;
- a B/Austria/1359417/2021 (B/Victoria lineage)-like virus; and
- a B/Phuket/3073/2013 (B/Yamagata lineage)-like virus.

Cell culture- or recombinant-based vaccines

- an A/Wisconsin/588/2019 (H1N1)pdm09-like virus;
- an A/Darwin/6/2021 (H3N2)-like virus;
- a B/Austria/1359417/2021 (B/Victoria lineage)-like virus; and
- a B/Phuket/3073/2013 (B/Yamagata lineage)-like virus.

The WHO recommends that trivalent vaccines for use in the 2022-2023 influenza season in the northern hemisphere contain the following:

Egg-based vaccines

- an A/Victoria/2570/2019 (H1N1)pdm09-like virus;
- an A/Darwin/9/2021 (H3N2)-like virus; and
- a B/Austria/1359417/2021 (B/Victoria lineage)-like virus.

HERBAL INFORMATION

BLACK PEPPER

Botanical name: Piper Nigrum

Family: Piperaceae

Kingdom: Plantae



Black pepper (*Piper nigrum*) is a flowering vine in the family Piperaceae, cultivated for its fruit, known as a peppercorn, which is usually dried and used as a spice and seasoning. The fruit is a drupe (stone fruit) which is about 5 mm (0.20 in) in diameter (fresh and fully mature), dark red, and contains a stone which encloses a single pepper seed. Peppercorns and the ground pepper derived from them may be described simply as pepper, or more precisely as black pepper (cooked and dried unripe fruit), green pepper (dried unripe fruit), or white pepper (ripe fruit seeds).

USES

Black pepper is used traditionally for the treatment of various diseases including; cough, cold, dyspnea throat diseases, intermittent fever, dysentery, stomachache, worms and piles. Black pepper (*Piper nigrum*) is a spice used widely in many traditional cuisines. Recently, the alkaloids present in piper have been studied for their antioxidant and anticholinesterase activities. Among the alkaloids isolated from *P. nigrum* extract, piperine, piperettine, and piperettyline exhibit inhibitory activities against both acetylcholinesterase and butyrylcholinesterase, while feruperine is a potent inhibitor only of butyrylcholinesterase. *Piper nigrum* and piperine improve cognitive functions.

Marketed Formulations:

1. **BLACK PEPPER AROMATIC OILS**



STUDENT CORNER

ROLE OF PERSON CENTRED CARE IN HEALTHCARE

PERSON CENTRED CARE (PCC) is an extensively used model in the modern health care system. To understand, PCC recognizes that patients are people first and should not be defined by their disease. This system helps the person to make an informed decision about managing their health and care. There are some principles of PCC like care, compassion, competence, communication, courage, and commitment. Healthcare is tailored to people's needs and is provided in partnership with them rather than simply given to them. And most of all, it acknowledges that a person lives with their conditions 24/7, 365 not just the time they are seeing the health care team. So, there are some things to keep in mind while dealing with patients. We need to provide physical comfort; emotional support and it should be performed in coordination and continuity of care, respect for the patient's preferences, access to care, providing information, communication, and education to them. PCC can have lasting benefits by making the patient more informed. Providing reassurance, support, comfort, acceptance, legitimacy, and confidence are the basic function of PCC. The impact of goals of PCC has a direct logical link with promoting, healing, and reducing injury and suffering. Person-centered care is a widely used but poorly understood concept in medical practice. The way to treat the patient with care and respect is very important for the career to be understood. The lack of knowledge, skills, and lack of clear definition of PCC can cause a barrier to PCC. In the PCC, coordination, and collaboration play a significant role in the continuity of care of the patient. PCC is said to improve the quality of patient care, reduce the cost of care, and increase satisfaction among nurses, physicians, and patients by strengthening professional practice and maintaining the values of the patient and healthcare providers. This implies that the implementation of PCC requires a planned and coordinated approach, with sufficient staff, efficient teamwork, and adequate education of healthcare providers. See a patient as an individual and focus on the whole person within the whole health care system.

GEETIKA MAHESHWARI, GAURI BANSAL, HARSHIT AGARWAL

(B. PHARM, 3rd YEAR)

REFERENCE

Robinson JH, Callister LC, Berry JA, Dearing KA (2008) Patient-centred care and adherence: Definitions and applications to improve outcomes. J Am Acad Nurse Pract 20(12): 600-7 Beach M, Saah S, Cooper LA (2006)

The Role and Relationship of Cultural Competence and Patient Centeredness in Health Care Quality. The Commonwealth Fund. Available at: <http://tiny.cc/gvfge> (accessed 9 July 2010) Behold C (2005)

The future of patient-centered care: scenarios, visions, and audacious goals. J Altern Complement Med 11(Supply 1): s77-84

NEWS AT A GLANCE

AICTE MODROB GRANTED

AICTE has sanctioned a grant of Rs 6,62,000/- under MODROB Scheme. We congratulate Dr. Vijay Agarwal, Associate Professor, coordinator for receiving the grant under MODROB-ASP scheme for purchase of Lyophiliser and Stability chamber.

RPS PROJECT GRANTED

RPS Project amount of Rs. 12,55,730/- has been sanctioned by AICTE. We congratulate Dr Monika Sachdeva (Principal Investigator) and Ms Geetika Mehta (Co-Principal Investigator) for receiving the grant.

PATENT GRANTED

Mr. Abhinav Agarwal (Associate Professor) has been granted a German utility patent on the topic "Polyherbal composition for detoxification of human body" on 15 February 2022. The invention involved the formulation and evaluation of 3 herbs into an oral solid dosage form for the purpose of detoxification of human body. Further clinical studies are being carried out to convert this invention into a commercial success.

WEBINAR ORGANIZED

RKGIT (Pharmacy) organized webinar on virtual platform on March 8, 2022 in association with RGNIPM, Ministry of Commerce & Industry Government of India, IPR Training Institute, Nagpur on "Intellectual Property Rights (IPR) Patents and Design filing process". The RGNIPM, being the only Govt. institute providing the training on IPR related matters under National Intellectual Property Awareness Mission (NIPAM) 2016. With over a 150 participants, the program was a well appreciated event providing an overview on IPR, working of CGPDTM office and its process to file patents and designs. The program was coordinated by Ms. Garima Tripathi. Dr. Monika Sachdeva, Principal RKGIT Pharmacy, Ghaziabad addressed the meet, Esteemed Guest Dr. Laxman Prasad R&D RKG group and the **Eminent Speaker Ms. Pooja Vishal Maulikar**, Examiner of Patents Designs, Indian Patent Office, Mumbai.

The poster is for an online workshop on IPR. It features logos for RGIPT, NIPAM, and RGNIPM. The text includes the name of the institute, the date (8th March 2022), and the time (12:12 PM). It also lists the speaker, Ms. Pooja Vishal Maulikar, and provides contact information for registration.

Raj Kumar Goel Institute of Technology (Pharmacy)
Ghaziabad, U.P., India
(Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P., India)

In association with
Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM)
Government of India, Nagpur
(Under National Intellectual Property Awareness Mission)

PRESENTS
Online Workshop on
"Intellectual Property Rights (IPR) Patents and Design filing"

Speaker name & designation:
Ms. Pooja Vishal Maulikar
Faculty RGNIPM, Nagpur
(Examiner of Patents and Designs (Group A Gazetted Officer))
Central Government Office under the Patent Office,
Ministry of Commerce & Industry
Email: poajvmipoo@gov.in

Date of Program : 8th March 2022 Time of Program: 12:12 PM
No registration fee
*E- certificates will be given to all participants who attend the program

*Updates on Social Media:
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Scan QR to Register:

Contact: Ms. Garima Tripathi, Assistant Professor
RKGIT (Pharmacy)
Email: garimat@rkgitgzb.com
Contact No. 9643608284
Ghaziabad
Dr. Monika Sachdeva
Director/Principal/Head
RKGIT (Pharmacy)

The poster is in Hindi and titled 'आरकेजीआईटी में बौद्धिक संपदा अधिकार पर कार्यक्रम का आयोजन'. It mentions that 150 people attended the program. It includes a QR code and a small image of the webinar interface.

आरकेजीआईटी में बौद्धिक संपदा अधिकार पर कार्यक्रम का आयोजन
150 लोगों ने लिया हिस्सा, बताई गई पेटेंट की बारीकियां

उदय भूमि व्यूरो

मानियतावाद। दुनिया तकनीक के क्षेत्र में तेजी से आगे बढ़ रही है। मानियतावाद के राहुमार गोपाल इन्स्टीट्यूट ऑफ टेक्नोलॉजी के फर्लसी विभाग ने बौद्धिक संपदा अधिकार, (आर्पीआर) पेटेंट और डिजाइन फिलिंग प्रोसेस विषय पर ऑनलाइन कार्यक्रम का आयोजन किया गया। दिल्ली के राजीव गांधी नेशनल इन्स्टीट्यूट ऑफ इन्फोर्मेसन टेक्नोलॉजी (आरजीएनआईआईटीएम) भारत सरकार के आणख्य और उद्योग मंत्रालय, आर्पीआर ट्रेनिंग इन्स्टीट्यूट के सहयोग से कार्यक्रम का आयोजन किया गया था। कार्यक्रम में करीब 150 लोगों ने प्रतीभाग किया। दिल्ली को आर्पीआर के काम और उद्योग उद्योगीकरण के बारे में जानकारी दी गई। इस दौरान कार्यक्रम में मौजूद शिक्षार्थियों और छात्र-छात्राओं को पेटेंट फर्लसींग और डिजाइनिंग के बारे में विचार से जानकारी दी गई।

बौद्धिक संपदा में क्या है दुनिया प्रसार के साथ बौद्धिक संपदा के क्षेत्र के साथ तकनीक पर निरंतर बढ़ती जा रही है। ऐसे वक में बाधरी के स्तर पर रहना है तो हर व्यक्ति को तकनीक के क्षेत्र में आगे रहना होगा। कार्यक्रम माहामारी के दौर में फर्लसी क्षेत्र को उपयुक्तता रखके समने आ रही है। पेटेंट कानून में सुधारमें से कार्यक्रम के उद्देश्य और उद्योग उद्योगीकरण पर बल हुआ। इसी का नतीजा है कि आज माहामारी से लड़ने के लिए हमारे पास मुद्रामुल संसाधन हैं। कार्यक्रम में मुख्य अतिथि के रूप में मौजूद आरकेजीआईटी समूह के विवरण संद डेवेलपमेंट के डॉ लखनम

कार्यक्रम में मौजूद मुख्य अतिथि मुंबई के बौद्धिक पेटेंट ऑफिस को पूरा विद्याल मॉडिफर ने कहा कि पेटेंट सिमन वैज्ञानिक को ही नहीं देना को बौद्धिक संपदा होती है। इक्विलर किसी तकनीक या विचार पर 'जाइ हाइ कानून करते हैं' तो उसे इतने आसल होने चाहिए कि कोई दुसरा उसमें अपना दावा न ठोक सके। किसी तकनीक को विकसित करने और पेटेंट को फिल्ली में ले जाने के लिए उसे महान अकलन की जरूरत होती है, तभी हम दूसरों से अपना हो सकते हैं।

FACULTY ATTENDED FDP

RKGIT (Pharmacy) Faculty Mr Pankaj Kumar Sharma, Ms Anjali Singh, Ms Chhaya Chauhan, Ms Preeti Sharma, Ms Anushka Jain, Ms, Kamini, Ms Farha Sultana, Mr Surya Goel attended 5 Day FDP on Innovative Teaching Practices and Quality Research in Pharmaceutical Sciences organized by IIMT, Greater Noida from 8th - 12th Feb 2022.

TALK DELIVERED

Dr Monika Sachdeva (Principal Pharmacy) invited and delivered a talk on preclinical research during drug development during 5 days FDP on Innovative Teaching Practices and Quality Research in Pharmaceutical Sciences organized by IIMT, Greater Noida.

PLACEMENTS

Siddharth Tiwari (B.Pharm.) and Vasu Chauhan (M.Pharm.) of Pharmacy Batch 2022 has been successfully placed in **SupplyCopia** and Adarsh Pathak, Akansha Pandey, Shweta Singh, Anchal Tyagi, Siddharth Tiwari, Tushar Sharma of Pharmacy Batch 2022 has been successfully placed in **IDS Infotech** through campus recruitment process.

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SupplyCopia
batch 2022

B. Pharm	M. Pharm
 SIDDHARTH TIWARI 3 LPA	 VASU CHAUHAN 3 LPA

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IDS Infotech
Batch 2022

 ADARSH PATHAK 3 LPA	 AKANSHA PANDEY 3 LPA	 SHWETA SINGH 3 LPA
 ANCHAL TYAGI 3 LPA	 SIDDHARTH TIWARI 3 LPA	 TUSHAR SHARMA 3 LPA

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