



## **SULTAN-UL-ULOOM COLLEGE OF PHARMACY**

**(Estd. by Sultan-ul-Uloom Education Society)**

Approved by AICTE & Pharmacy Council of India

Affiliated to Jawaharlal Nehru Technological University, Hyderabad

B.Pharm Program Accredited by NBA

Recognized under Section 2(f) & 12(B) of the UGC Act, 1956

### **Best Practice-2**

#### **1. Title:**

Continuous Professional Development for staff and students at Sultan-ul-Uloom College of Pharmacy.

#### **2. Objective:**

The objective of the Continuous Professional Development (CPD) practice by the college is to ensure that faculty members and the students continue to update their knowledge and skills to enhance their teaching, research and administrative abilities. The Continuous Professional Development practice helps faculty members and students to stay current with the latest advancements in their respective fields, improve their teaching and research skills and provide better support to students.

The underlying principles or concepts of the Continuous Professional Development practice include lifelong learning, reflective practice and self-directed learning. The practice emphasizes that learning is a continuous process that goes beyond formal education and training programs. The Continuous Professional Development practice also encourages faculty members to reflect on their teaching and administrative practices, identify areas for improvement and take proactive steps to enhance their skills and knowledge. Additionally, the practice encourages faculty members to take ownership of their professional development and engage in self-directed learning activities.

#### **3. Context:**

Designing and implementing a Continuous Professional Development (CPD) practice for staff and students required careful consideration of various contextual features and challenges. Some of the key elements that needed to be addressed are as follows:

**Limited Resources:** A major challenge in implementing a Continuous Professional Development program was the availability of limited resources such as funding, infrastructure and staffing. It is important to optimize the use of available resources and explore creative solutions to provide comprehensive training and development programs within the constraints.

**Diversity of Staff and Students:** It is crucial to design training and development programs that are inclusive and adaptable to meet the diverse needs of individuals, ensuring accessibility and relevance for all participants.

**Technological Advancements:** To ensure the effectiveness of Continuous Professional Development practice, it was essential to keep pace with technological advancements. Integration of digital and online learning opportunities were considered to provide staff and students with the necessary skills to utilize technology in their teaching, research and learning practices.

**Resistance to Change:** Owing to the resistance to change, some staff and students did not initially recognize the value of continuous learning and development. It was important to create awareness and to communicate the benefits of Continuous Professional Development practice, emphasizing how it can contribute to professional growth and improved practices. Providing incentives and support by the College helped encourage active participation from both staff and students.

**Assessment and Evaluation:** Regular assessment and evaluation of the Continuous Professional Development practice is necessary to gauge its effectiveness. Establishing a framework for evaluation helps identify areas of improvement and measure the impact of the program on the professional development of staff and students.

By considering resource optimization, inclusivity, technological integration, change management and evaluation, the Continuous Professional Development practice effectively supports the knowledge, skills and professional development of staff and students and ultimately enhances teaching, learning and administrative practices.

#### **4. The Practice**

In the context of higher education in India, the Continuous Professional Development (CPD) practice implemented by Sultan-ul-Uloom College of Pharmacy holds significant value. This practice aims to facilitate the ongoing progression of knowledge and skills among both faculty members and students, focusing on improving their teaching, research, and administrative abilities.

To support CPD, the College has implemented a range of initiatives that distinguish it within the landscape of Indian higher education. One noteworthy initiative is the provision of incentives for faculty members and students who actively engage in professional development activities. These incentives serve as a motivating factor, encouraging individuals to actively participate in continuous learning, ensuring they stay updated with the latest advancements in their respective fields.

Additionally, the College organizes seminars and workshops conducted by experts from diverse domains. These events serve as platforms for faculty members and students to broaden their knowledge, acquire new teaching and research methodologies, and foster an exchange of ideas with professionals in their respective fields. This exposure to experts' insights and experiences enhances the unique learning experience provided by the College. Furthermore, the College's decision to open enrolment to M. Pharm courses for students from lower grades sets it apart. This initiative enables students to pursue higher education at an earlier stage, providing them with ample time to acquire advanced knowledge and research skills. This forward-thinking approach enhances the academic prospects of students, nurturing their intellectual growth and potential.

The Continuous Professional Development practice at Sultan-ul-Uloom College of Pharmacy is rooted in fundamental principles such as lifelong learning, reflective practice, and self-directed learning. This approach emphasizes that learning is an ongoing journey that extends beyond formal education and training programs. Faculty members are encouraged to engage in reflective practices, critically evaluate their teaching and administrative



methodologies, identify areas for improvement, and actively seek opportunities to enhance their skills and knowledge. This focus on self-reflection and self-improvement contributes to the unique nature of the College's CPD practice.

Moreover, the College fosters a culture of self-directed learning among its faculty members, and also encourages them to take the Ph.D course empowering them to take ownership of their professional development. They are encouraged to engage in independent learning activities, enabling them to explore topics of personal interest, embark on research projects, attend conferences, and stay informed about emerging trends and advancements in their fields. This culture of self-directed learning sets the College apart, as it encourages faculty members to continually grow and evolve as educators and researchers.

Despite the many strengths of the Continuous Professional Development practice at Sultan-ul-Uloom College of Pharmacy, there may be certain limitations. These include resource constraints, such as funding or availability of expert faculty members, which may pose challenges in delivering comprehensive professional development programs. Additionally, the geographical limitations and accessibility of certain opportunities or events could hinder the participation of all faculty members and students.

Nevertheless, the College's commitment to implementing the Continuous Professional Development practice and supporting it through various initiatives ensures that faculty members and students remain updated, continuously enhance their skills, and provide exceptional support to students throughout their academic journey. This dedication to professional growth and development contributes to the College's unique standing in the context of higher education in India.

#### **1. Evidence of Success:**

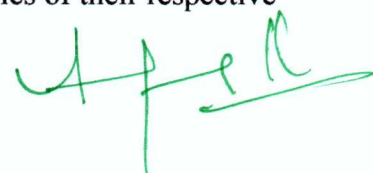
The institute actively promotes and conducts various faculty training programs with the main objective of equipping them to effectively nurture students and encourage their engagement in research and development activities.

At the SUCP, students are extensively involved in both qualitative and quantitative research projects, supported by the institution's administration. The college provides opportunities for students to enhance their research orientation through seminars, webinars, workshops, and internships

Further more 10 faculty members have enrolled for for Ph.D and 9 faculty are Ph.D have completed their PhDs. While almost half of the students goes for further studies.

Furthermore, the college has been awarded a grant of Rs. 1,913,725/- from AICTE under the MODROBS scheme, specifically for the procurement of a Stereotaxic apparatus. This grant enhances the institution's capabilities in research and development.

Additionally, the faculty members of the institution have been granted a total of eight patents, acknowledging their innovative contributions. These patents are a testament to the faculty's commitment to advancing knowledge and pushing the boundaries of their respective fields.



**List of Patents: Patents granted to the faculty members**

<b>S.No.</b>	<b>Faculty/Authors</b>	<b>Patent Details</b>
1.	Dr. Nemala AppalaRaju Dr. Ramalingam Ramani Dr. B. Bindu Madhavi Dr. MacharlaVenkata Ramana Dr.VVSS Appala Raju Dr. V. Kiran Kumar Mr. Shaik Riaz	Title: Simultaneous assessment of eight-DPPH inhibitors Gliptins and Metformin by HPLC method Application Number-201941035153 Publication Date: 20/09/2019
2.	Dr. T. Mamatha Dr.K. Anupama Ms. Syeda Sabera Dr. T. Venkateshwarlu	Title: Orally disintegrating tablets of Atomoxetine Application Number-201941033897 Publication Date:27/09/2019
3.	Dr. T. Mamatha Dr. Anupama Koneru M/s Sultan-ul-Uloom College of Pharmacy Mr.Noman Ali Mr. MurtuzaZaki Dr. TirunagiriVenkateshwarlu	Design Patent Title-Maze Application Number-309579
4.	Dr.N. Anitha Dr.Anupama Koneru M/s Sultan-ul-Uloom College of Pharmacy Ms. Yusra Shakeel Mr. E. Thirumalai Rajan	Patent title - Food Composition comprising of Cinnamomum obtusifolium bark extract. Application no-201841037324
5.	Dr. Sridevi Chigurupati Dr.Mohammed Jahidul Islam Dr.Nemala Appala Raju Dr.K.K.Selavarajani Dr.Vasudevan Mani Dr.Tulliballi Shyam	Application No: 201741009498 Title: Novel AcetylCholinesterase inhibitors to treat neuro degenerative disorders
6.	Dr. VelivelaVenkata Shiva Rajendra Prasad Dr. PerkaHarathi Dr. YarlagaddaRajeshbabu Dr. Buggna Shiva Jyothi	Title: A method of preparing nitric oxide donating quinazoline fused pyrazole derivatives as cytotoxic agents Application No. : 202241024561 Date of publishing: 16/01/2023
7.	Dr. Bipin Kumar Srivastava Dr. SavitaVerma Dr. Imam Pasha Dr. P.Arthi Dr. Monika Singh	Title:Synthesis and Characterization of Vanadium Complexes with Quadridentate Schiff Bases Application No: 20221037064 Date of Publication: 08/07/2022

	Dr. Amit Sharma Dr. D. T. Sakhare Dr. K. Hmea	Date of Publication: 08/07/2022
8.	Dr. P. Subhash Chandra Bose Dr. V. Ravi Kumar Dr. P. Srikanth Reddy Dr. Damineni Saritha Dr. Valluru Ravi Dr. Vutla Venkata Rao Dr. V. Alagarsamy	Title : A novel formulation for cosmetic preparations using Nano bubbles technology Application No.202241005728 A Publication Date : 11/02/2022



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 uucsp@jntu.com  
 Website: www.uucp.ac.in

SLC/P/2022/506/166

Date: 09<sup>th</sup> Nov 2022

To,  
 Dr. Neeanj Saxena,  
 Advisor-II (DC)  
 AICTE  
 New Delhi.

Sub: - Submission of Utilization Certificate for "MODROBS" Grant-in-Aid received  
 - regd.  
 Ref: - F.No. 9-255/DC/MODROB Policy-I/2019-20, dated 20.07.2020  
 AICTE PID: 1-605989

Sir,

We express our sincere gratitude for the sanctioning of Grant-in-Aid of  
 Rs. 19,13,725/- and releasing Rs. 15,30,990/-

We had purchased the following equipment mentioned in our proposal.

S.No	Particulars	Cost	Remarks
1	Stereotaxic apparatus (Neurostar, Germany)	19,82,782.00	Including Customs & Freight
2	Cell Counter (United Biologicals)	4,13,000.00	---
3	Autophotometer (Vyas Labs)	12,750.00	---
4	Electro Convulsometer (Vyas Labs)	9,000.00	---

Contd..2

All India Council for Technical Education  
 (A Statutory body under Ministry of HRD, Govt. of India)  
 Nelson Mandela Marg, Vasanki Nagar, New Delhi-110070 Website: www.aicte-india.org

**MODROB - Sanction Letter**

F.No. 9-255/DC/MODROB Policy-I/2019-20 Date: 20.07.2020

To:  
 The Drawing and Disbursing Officer,  
 All India Council for Technical Education,  
 Education, Nelson Mandela Marg,  
 Vasanki Nagar, New Delhi - 110070

Sub: Release of a sum of Rs. 15,30,990/- (Rupees Fifteen Lakh Thirteen Thousand Nine Hundred Eighty Only) being the 1<sup>st</sup> instalment Grant-in-Aid under the scheme, **Modernization and Removal of Obsolescence (MODROB)** for the year 2019-20 payable during the current financial year 2020-21 - reg.

Sir,  
 With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.19,13,725/- (Rupees Nineteen Lakh Thirteen Thousand Seven Hundred TwentyFive Only)** as sanctioned Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1	Name and address of the Beneficiary Institution:	Director/Principal, Registrar, SULTAN-UL-ULOOM COLLEGE OF PHARMACY, MOUNT PLEASANT, K-2, 200048 MOUNT PLEASANT HILLS, HYDERABAD-500 034.		
2	Title of Project:	Modernization of equipment for pharmaceutical studies		
3	Name of Coordinator:	Dr. ANI PAMA KUMARI		
4	Duration of the project:	2 years		
5	Total Grant-in-Aid:	<b>Total</b>	Non-Recurring (85%)	Recurring (15%)
6	Sanctioned:	Rs. 19,13,725/-	Rs. 16,266,600/-	Rs. 2,87,125/-
7	Amount to be released during the year 2020-21:	<b>1<sup>st</sup> Instalment</b>	Non-Recurring (85%)	Recurring (15%)
8	Sanctioned grant-in-aid to be debitable to:	Rs. 15,30,990/-	Rs. 1,261,331/-	Rs. 2,69,659/-
			Major Head 001 (20) Cap. (Plan Head)	

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/Registrar of the Institute through RGS/PFMS.




2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

**The instructions/guidelines to be followed by University/Institution**

**1. Release of funds**

a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undimensioned bank account. RIGS data is submitted by them along with the Proposal, in which the grant is being released.




F.No. 9-255/DC/MODROB Policy-I/2019-20

		संख्या : 044134902 SL No. :
<b>INTELLECTUAL PROPERTY INDIA</b> <small>INTELLECTUAL PROPERTY RIGHTS REGISTRATION</small>	<b>भारत सरकार</b> <b>GOVERNMENT OF INDIA</b> <b>पेटेंट कार्यालय</b> <b>THE PATENT OFFICE</b> <b>पेटेंट प्रमाणपत्र</b> <b>PATENT CERTIFICATE</b> <small>(Rule 74 of The Patent Rules)</small>	
पेटेंट नं. / Patent No.	379829	
प्रारंभिक नं. / Application No.	201941029153	
प्रारंभ करने की तिथि / Date of Filing	29/08/2019	
पेटेंट / Patentee	1. Dr. Namish Anand Raut 2. Dr. Ramalingam Ramani 3. Dr. S. Binu Madhav 4. Dr. Kajantam Abedulla Khan et al. et al.	

प्रमाणित किया जाता है कि पेटेंट की प्रमाणित प्रतिलिपि में उल्लिखित HPLC METHOD FOR ANALYZING METFORMIN नामक आविष्कार को पेटेंट प्रमाणपत्र, 143-8 के तहत 29 अगस्त 2019 के दिनांक से प्रदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled HPLC METHOD FOR ANALYZING METFORMIN as disclosed in the above mentioned application for the term of 20 years from the 29th day of August 2019 in accordance with the provisions of the Patents Act, 1970.

प्रमाणित करने वाले का पता : पेटेंट कार्यालय, नई दिल्ली, भारत।  
Date - The date for removal of this patent, if it is to be maintained will be / The date due on 29th day of August 2039 and on the same day in every year thereafter.

		संख्या : 044122208 SL No. :
<b>INTELLECTUAL PROPERTY INDIA</b> <small>INTELLECTUAL PROPERTY RIGHTS REGISTRATION</small>	<b>भारत सरकार</b> <b>GOVERNMENT OF INDIA</b> <b>पेटेंट कार्यालय</b> <b>THE PATENT OFFICE</b> <b>पेटेंट प्रमाणपत्र</b> <b>PATENT CERTIFICATE</b> <small>(Rule 74 of The Patent Rules)</small>	
पेटेंट नं. / Patent No.	362421	
प्रारंभिक नं. / Application No.	201741009488	
प्रारंभ करने की तिथि / Date of Filing	18/03/2017	
पेटेंट / Patentee	1. DR. ORDEVI CHIGURUPATI 2. DR. MOHAMMAD JAHIDUL ISLAM 3. DR. NEHALA APPALA RAJU 4. DR. KESAVANARAYANAN KRISHNAN SELVARAJAN et al. et al.	

प्रमाणित किया जाता है कि पेटेंट की प्रमाणित प्रतिलिपि में उल्लिखित "NOVEL INDOLOPYRAZOLINE DERIVATIVES OF ACETYL CHOLINESTERASE INHIBITORS TO TREAT NUERO-DEGENERATIVE DISORDERS" नामक आविष्कार को पेटेंट प्रमाणपत्र, 143-8 के तहत 18 मार्च 2017 के दिनांक से प्रदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "NOVEL INDOLOPYRAZOLINE DERIVATIVES OF ACETYL CHOLINESTERASE INHIBITORS TO TREAT NUERO-DEGENERATIVE DISORDERS" as disclosed in the above mentioned application for the term of 20 years from the 18th day of March 2017 in accordance with the provisions of the Patents Act, 1970.

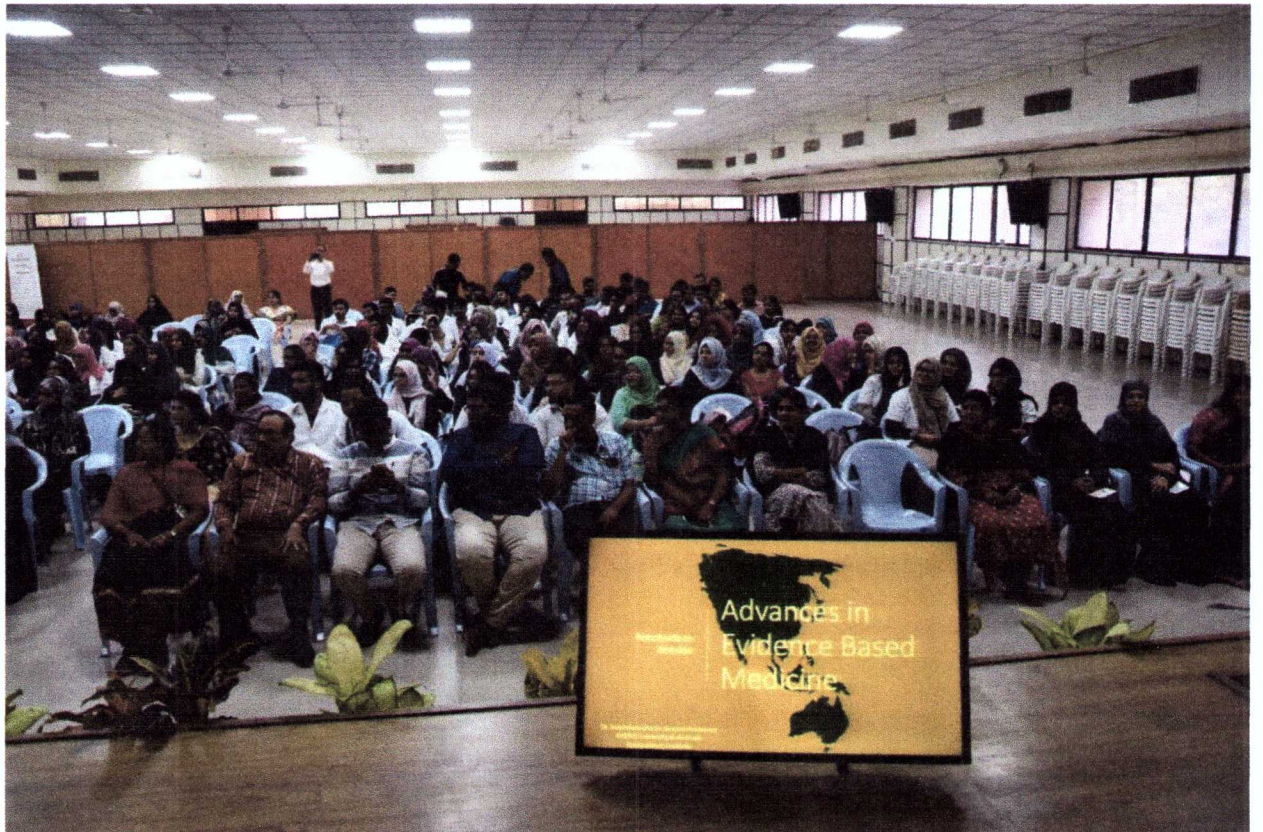
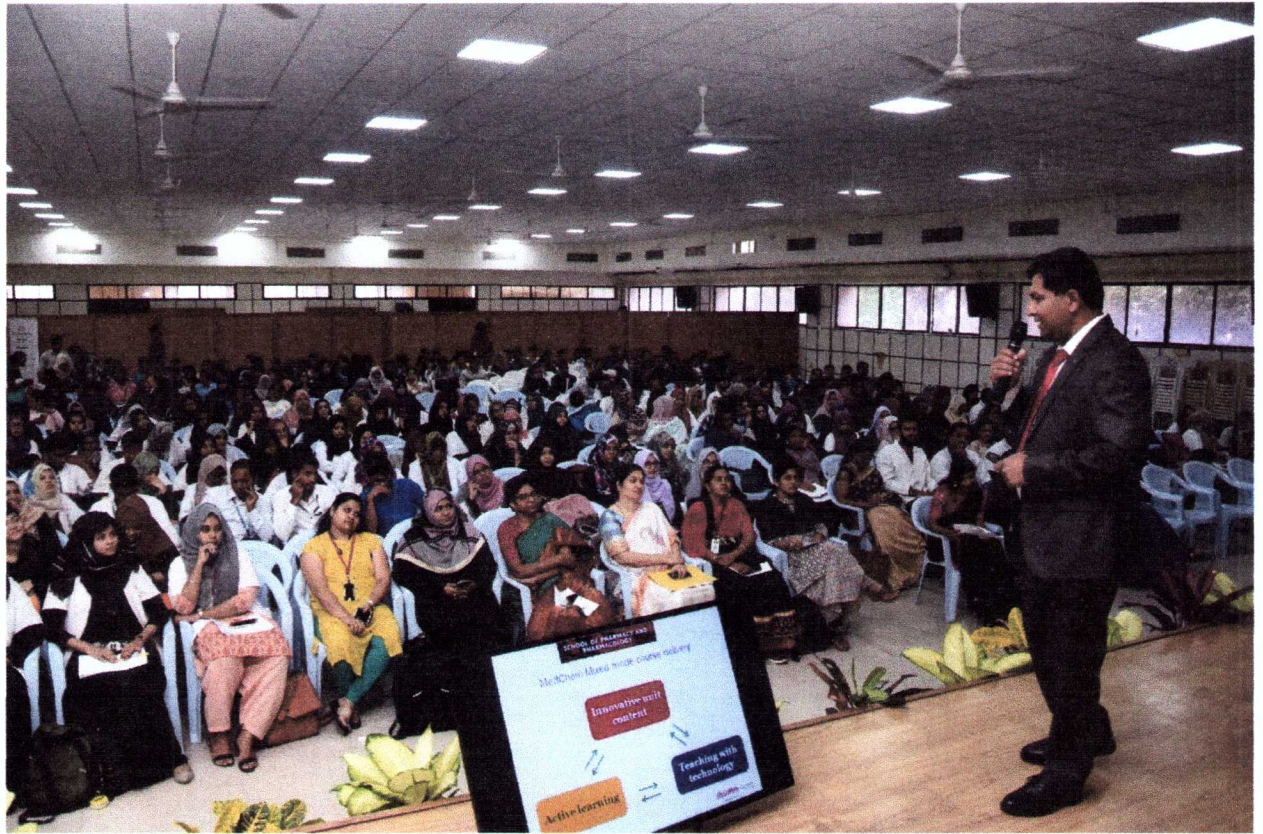
प्रमाणित करने वाले का पता : पेटेंट कार्यालय, नई दिल्ली, भारत।  
Date - The date for removal of this patent, if it is to be maintained will be / The date due on 18th day of March 2037 and on the same day in every year thereafter.





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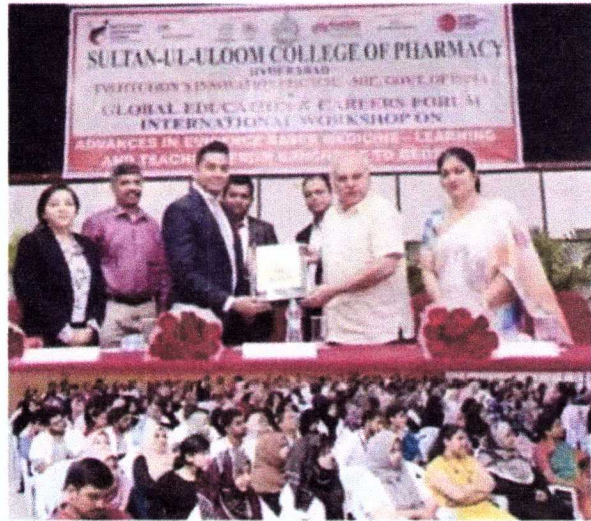
# International workshop at SUCP

HANS NEWS SERVICE

**Hyderabad:** Sultan-ul-Uloom College of Pharmacy (SUCP) under the patronage and direction of Navin Mittal, Commissioner, Collegiate and Technical Education, Government of Telangana entered into a MoU with India Matters Foundation. As part of the MOU, Sultan-ul-Uloom College of Pharmacy conducted International Workshop facilitated by Global Education & Careers Forum, which is connecting students of Telangana with faculty from Foreign Universities.

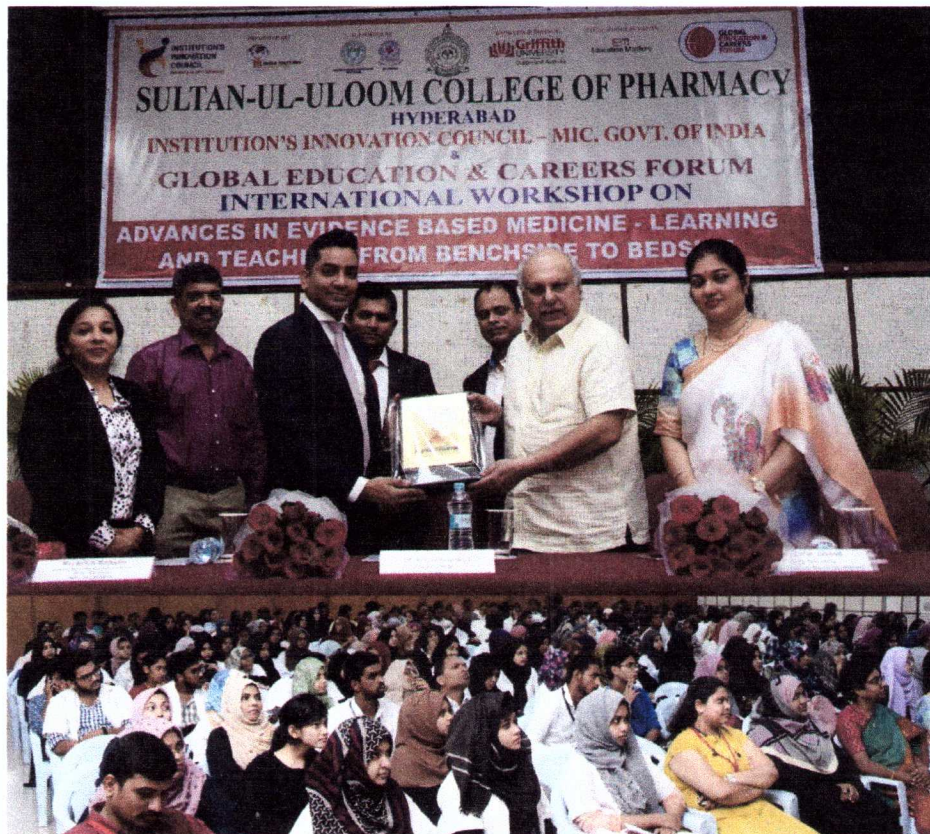
The workshop was on Advances in Evidence Based Medicine - Learning and Teaching : From Benchside to Bedside. Faculty from Griffith University, Gold Coast, Australia, Dr. Sohil Khan and Dr Santosh Rudrawar conducted the workshop for students of final year B.Pharm and PharmD and Pharm D (PB) of various pharmacy colleges of Telangana.

Over 350 final year students of more than 15 colleges of Telangana



participated in the workshop. The workshop was concluded by certificate presentation to the delegates by Zafar Javeed, Hony. Secretary, Sultan-ul-Uloom Education Society, Srinivas Raju, Manager, Global Education & Careers Fo-

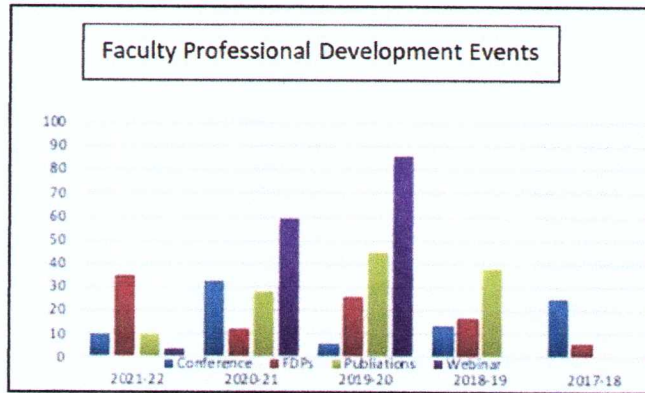
rum, Lakshmi Narayanan, Secretary, India Matters Foundation, Ashini Malhotra, International Manager of Griffith University and Dr. Anupama Koneru, Principal, Sultan-ul-Uloom College of Pharmacy were present.



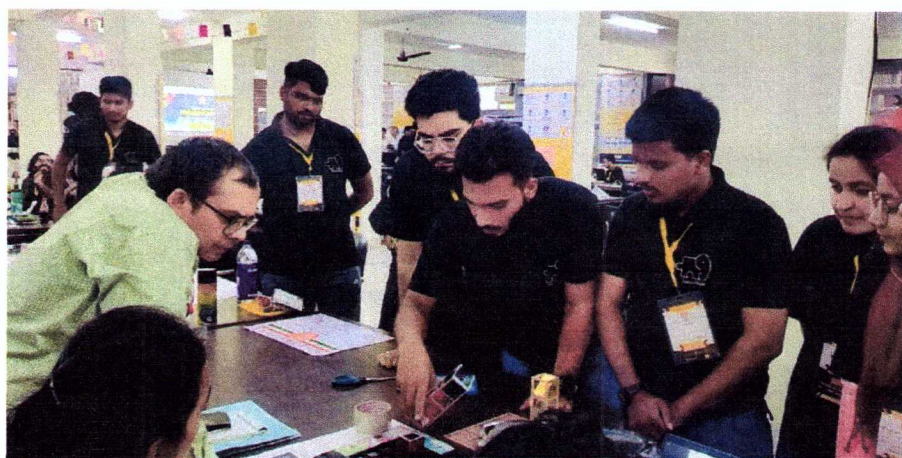
As part of the IIC activities, students enthusiastically took part in a national-level event called the Toycathon. Out of the 2000 ideas submitted, the SUCP group stood out and



secured a place among the top 20 teams. This remarkable achievement was accomplished by a team of six students, comprising individuals from both the B.Pharm and Pharm D programs. They presented their outstanding model during the Ideation event held in New Delhi, ultimately earning a well-deserved cash prize of ₹ one Lakh.



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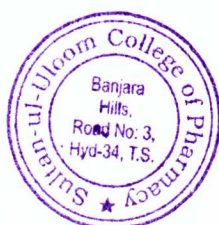
#### 6. **Problems Encountered and Resources Required:**

The implementation of continuous professional development (CPD) of staff and students faced several challenges, such as lack of funds, resources and training opportunities. The primary challenge is the insufficient allocation of resources for the CPD programs, including training sessions, workshops and seminars. Additionally, the lack of trained professionals to facilitate the CPD programs also posed a challenge.

The implementation of CPD programs requires a significant amount of funding, which may not be available in every educational institution. The scarcity of resources and facilities, such as laboratories and libraries, also makes it difficult to provide hands-on training and access to research materials.

Moreover, the CPD programs require specialized knowledge and skills that the staff and students may not possess. In such cases, the institution has invested in additional training and resources to develop these competencies.

In conclusion, the implementation of CPD programs requires significant investment in terms of resources, time and funding. It is essential to address these challenges effectively to ensure the successful implementation of CPD programs for the professional development of staff and students.



  
Principal  
PRINCIPAL

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Road No: 3, Banjara Hills, Hyderabad-34, T.S