

## RCPIPER E-BULLETIN

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### Vision

**To excel in under graduate and post graduate pharmaceutical education and research**

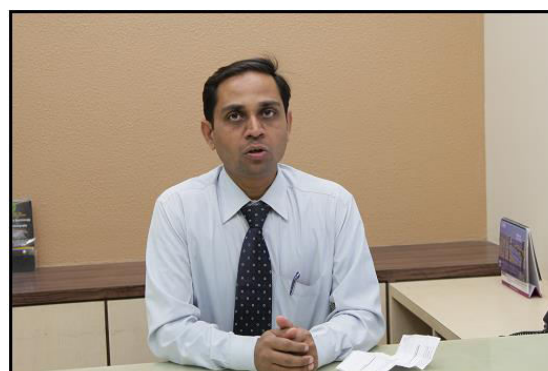
### Mission

**To bestow high quality pharmacy education and training to groom student to be a responsible pharmacist professional and citizen to contribute to pharmacy profession and at large to society**



R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur is one of the highly reputed private pharmacy colleges, has been progressing at an exponential rate since its inception in 1992. Many notable achievements have been recorded since then. These merits and credits have seldom been known to public and the authority due to the lack of showcasing or projecting through a medium. Activities published—that too not all—in the e-Bulletin are sufficient to prove my claim that RCPIPER is progressing at an exponential rate. RCPIPER has been selected for different grants, another proof of its achievements. Signing of with a quote “If you want to go fast, walk alone, if you want to go far, walk together.

**Dr. Sanjay J. Surana,  
Principal, RCPIPER,  
Shirpur**



I am delighted to see that editorial committee members are bring out RCPIPER-e-bulletin biannually for its readers. Our great visionary President Hon’ble Shri. Amrishbhai Patel has created world-class infrastructure and optimistic attitude to match and cope with the changing scenario in pharmacy education. E-bulletin would provide glimpses of the most crucial achievements and awards of the institute as well as faculties and student throughout the semester.

This periodical issue will take overview of the important activities organised by the college, which will be published every six months. We are indebted to our principal and management for their support and guidance in moulding this issue.

**Dr. Atul Shirkhedkar  
Vice-Principal and Chief Editor  
RCPIPER, Shirpur**

## EDITORIAL COMMITTEE



**Dr. Pradyumna Ige**  
**Asso. Prof. & Editorial Head**



**Mr. Vinit Agnihotri**  
**Asst. Prof. & Editorial Member**

Here is new issue of RCPIPER e-Bulletin 2019 over abundance of institutional news, personal achievements of faculty and student. It is said that, “Never write on a subject until you have read yourself full of it”. It is a time of big change in our pharmaceutical education and research due to huge competition.

Here you can see a host of programmes for students and faculty members unfolding. Teachers play an important role in fostering the intellectual and social development of student during their formative years. Here are some representation who shapes the future of every one by providing best education to her/his student. We highly recommend to read the glimpses of RCPIPER e-Bulletin.

In closing, I would like to thank several people whose help and support have made to timely submission of their reports and rewards.

## ADVISORY COMMITTEE

**Dr. Sanjay J. Surana**  
**Principal, RCPIPER,**  
**Shirpur**

**Dr. Atul A. Shirkhedkar**  
**Vice-Principal, RCPIPER,**  
**Shirpur**

**Dr. Padmaja V. Joshi**  
**RCPIPER,**  
**Shirpur**

R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur organized two days National seminar on “**Research and Therapeutics in Medicinal (Drug) Chemistry**” on 7th and 8th July 2018. The Seminar was sponsored by Indian Council of Medical Research. Deliberation witnessed participation of 250 delegates comprising of research scholars, under graduate and post graduate students and faculty members from various Pharmacy institutes. Many eminent scientists from across the country attended the conference and delivered the keynote and plenary lectures.

The day first (7th July) began with the inauguration ceremony commenced with lighting of lamp. Chief Guest Prof. S. Y. Gabhe, Poona College of Pharmacy, Pune and Guest of honour and keynote speaker Prof. Evans Coutinho, Principal Bombay College of Pharmacy, Mumbai, Prof S. J. Surana (Principal, RCPIPER, Shirpur), Prof A. A. Shirkhedkar (Vice-Principal RCPIPER, Shirpur & co-convener), Prof. S B Bari (Principal, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur), Dr. A G Nerkar convener, and Dr. Ganesh U Chaturbhuj, Asso. Prof. Dept. of Pharmaceutical Science and Technology, ICT, Mumbai were present on the dais for the inaugural session. The blessings from God were sought with the recitation of Saraswati vandana.

Principal Prof. Dr. S. J. Surana, in his introductory remarks briefed about the logarithmic development of the institutes. He

has also mentioned about the various sophisticated research facilities available with the institutes quality research work. Dr. A. G. Nerkar, convener of the seminar gave details about the importance of medicinal chemistry in research and therapeutics and also about the appropriate timing of organizing this event. Prof. Evans Coutinho, talked about the entire process of the drug discovery and role of medicinal chemist.

Prof. S.Y. Gabhe in his presidential address talked about the quality of the research work and current industrial development and role of pharmacists in the healthcare sector.



### **Organized the ICMR sponsored Two Day workshop**

The second plenary session was embraced with the talk by Dr. Ganesh Chaturbhuj who delivered a lecture on “Importance of rapid, efficient and ecofriendly synthetic methodologies in medicinal chemistry research”. The next plenary lectures were delivered by Prof. S.Y. Gabhe on Mass Spectrometry.

The evaluation of the posters was done by Dr. P.S. Jain and Dr. S.C. Khadse, RCPIPER, Shirpur.

The second day (8<sup>th</sup> July) began with formal release of souvenir at the hands of Prof. P.P. Mahulikar, Hon. Pro- Vice-Chancellor, North Maharashtra University, Jalgaon. Prof. Mahulikar was felicitated on the occasion with shawl, bouque and memento. Prof. Mahulikar in his address to the gathering threw the light on the various developments in pharmaceutical industries and also in drug development and discoveries. It was then followed by plenary lecture of Dr. S.S. Toshniwal, Director, Vidarbha Institute of Pharmacy, Washim and IPR- Patent Consultant. Dr. Toshniwal talks on the topic of “IPR, Innovation, Economics and Access”. Next plenary lecture was delivered by Dr. Ajit Datar, Advisor to Shimadzu Analytical India Pvt Ltd, Mumbai. He delivered lecture on “The role of LC-Mass Spectrometry in Medicinal chemistry”. He tried to convey the different technologies and methodologies involved in hyphenated techniques.

The two days seminar ended with the valedictory ceremony. Dr. Shirkhedkar concluded the ceremony with his kind words. First prize was awarded to Imran Sheikh, Anjuman Islam College, Mumbai, second winner was Dr. A G Nerkar RCPIPER, Shipur and third prize winner was Hemant Rokde, Gangamai College of Pharmacy, Nagaon. The institute is thankful to ICMR for sponsoring the event and thank all the guests, speakers, participants and faculty members whose contribution made it a great success.

R.C. Patel Institute of Pharmaceutical College and Research, Shirpur organized **One day**

### **National Conference on “A Global Perspective on Pharmaceutical IPR: Challenges and Potential” on 8<sup>th</sup> Sep 2018.**

The Seminar was sponsored by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. Deliberation witnessed participation of more than 300 delegates comprising of research scholars, under graduate, post graduate students and faculty members from various pharmacy institutes.



The event commenced with the inaugural ceremony by lightening of lamp at the hands of Chief Guest Prof. Dr. D. R Patil, Principal, R. C. Patel Arts, Commerce and Science College & Dean, Faculty of Science and Technology, KBC NMU, Jalgaon accompanied with chief guests Dr. Bhushan L. Chaudhari, Prof., Dept of Microbiology, KBC NMU, Jalgaon, Dr. S. S. Toshniwal, Director, Vidarbha Institute of Pharmacy, Washim and Pharma Patent Consultant, Dr. Mrs. S. R. Shahi Asso. Prof., Govt College of Pharmacy, Aurangabad, Prof S. J. Surana, Principal, RCPIPER, Shirpur, Dr. S. B. Bari, Principal, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur, Dr. Atul A. Shirkhedkar, Vice- Principal & Convener with Dr. Saurabh B. Ganorkar, Assistant Professor, RCPIPER and Co-Convenor were present on

the dais. Dr. B. L. Chaudhari enlightened the participants with his guiding words and. The abstract souvenir in the electronic format was released after all the addresses.

The event then continued with the plenary sessions that witnessed talk on recent advances in the field of Intellectual Property Rights. Dr Toshniwal gave a comprehensive talk on the introductory remarks of the IPR. Dr. Toshniwal in his presentation discussed importance of IPR and patents. Dr. Shahi presented her talk on Information Resources, courses related to IPR, certification and ANDA filing. Her talk was important for the student participants to make them aware of all the courses where they can register for IPR. Further, Dr. Chaudhari threw light on International and National scenario of global innovation index and related things.

In the final plenary lecture, Dr. U. K. Patil, Prof. Dept. Of Microbiology, R. C. Patel Arts, Commerce and Science College, Shirpur has presented his talk by discussing few case studies from the pharmaceutical field.

The couple of selected scientific posters were presented during the conference. The plenary sessions were followed by the panel discussion. The seminar ended with the valedictory ceremony. Dr. Ganorkar concluded the ceremony with vote of thanks.

First Program of the Women's Forum for the academic year 2018-19 was organized successfully.

The inaugural session and various events in the conference were anchored by Dr. Mrs. P.H. Agarkar and Mrs. Snehal K Bhavsar. The

institute is thankful to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon for sponsoring the event and thank all the guests, speakers, participants and faculty members whose contribution made it a great success.

### **DST-FIST Grant**

Dr. S. J. Surana, Principal, R. C. Patel institute of Pharmaceutical education and research, Shirpur, has been awarded with DST-FIST grant worth Rs 60 Lakhs. Department of Science and Technology, Government of India, aforementioned scheme (FIST) in 2018 For improvement in education institute for the in basic facilities.

Dr. S. J. Surana was previously awarded with Ideal Teacher Award, APTI, Principal of the year, Outstanding Performance Award.

Selection for DST-FIST was not so easy. Dr. S. J. Surana with his scientific and technical knowledge bagged this award for outstanding efforts in technical innovation.

This is one of the achievements of college along with recipiency of grants from ICMR, DST, AYUSH and other funding agency.

The feather in the crown of institute is the college has been accredited for the span of 6 years for third cycle of accreditation under the leadership of Dr. S. J. Surana

### **Personality development for girls on 8 Oct 2018**

The program of the Women's Forum for the academic year 2018-19 was inaugurated at the hands of Emeritus Prof. Shobha Shinde, at 10.a.m. Univ. Student welfare officer, prof. H.M. Shaikh, Principal Dr. S.J.Surana, Vice

principal, Dr. Atul Shirkhedkar, This was followed by the lecture series conducted by Dr. Shobha Shinde, Prof.S.B.Bhavasara, Dr. Rajani Lungase and Mrs. Shweta Mehta, a Sr. Business analyst in M.N.C.



**Personality Development for Girls, organized by Women's Forum (9<sup>th</sup> Oct 2017 to 16<sup>th</sup> Oct 2018)**

This week long workshop entitled Self defence for girls was conducted by certified state level coach, Mr.Rajendra Janjale and his team. Girls were trained for 8 days in the various acts of self defence. The training session was followed by high tea break and a lecture on the same subject.

The everyday program schedule included warm up followed by punch, block, Kick, hand stroke training practice and fitness training : Ways to defend in case of sexual harassment of girls. This included defences in 1.Journey, 2. Physical attack or 3. Other situations 4. Weapons attack.

**Cyber Crime awareness for girls conducted by Women's Forum (9<sup>th</sup> October 2018)**

This was a lecture series conducted by renowned advocates and I.P.S. officers to enlighten girls in the context of above subject.

It received a funding from Maharashtra State Mahila Ayog.



One day Seminar on awareness cyber crime against Girl students and working women was organised in R. C. Patel Institute of Pharmaceutical Education and Research Shirpur on 9th October 2018 in collaboration with Maharashtra State commission for Women. Mumbai Program was started with Dip- Prajwalan and inaugural speech of Advocate Chadrankant Yeshirao followed by plenary lectures of Advocate Chaitanya Bhadari and Advocate Shalini Rao all of them guided the students and working women on what precautionary measures to be taken while handling internet. PSI Sandeep Pawra Shared his experiences how cyber crime happens where to lodge complain etc. Program end with valedictory function, feed of students and working women and certificate distribution.

**Self Defence for Girls on 10 October 2018**

A one day high density work shop on Self defence for girls was organized. It has been received a funding from Maharashtra State Mahila Ayog.

**Self defence for girls” 9 Octo.2017 to 16 Oct 2018 sponsored by KBC NMU.**

One week workshop imparting Self- Defense training was conducted by RCPIPER with the slogan, don't be victim, learn Self defence and protect yourself. This week long workshop entitled "Self defence for girls" was conducted by certified state level coach, Mr.Rajendra Janjale and his team. Girls were trained for 8 days in the various acts of self defence. The training session was followed by high tea break and a lecture on the same subject.



**Blood Group Check Up Health Camp in Main Building**



**Health Check Up on Prevalence, Awareness and Treatment of malnutrition among children in Tribal area of Shirpur Taluka**



**Celebrated world TB day at Cottage Hospital, Shirpur and PHC Center, Thalner**

## TEACHING INNOVATION AWARD

**Dr. Chandragouda R. Patil**, Professor and Head of Pharmacology Department was awarded with the 'Teaching Innovation Awards-2016' by MHRD Government of India. The award was given under the Pandit Madan Mohan Malaviya Mission for Teachers and Training. This award contained a commendation letter, silver medal and cash award of 75000 Rs. From all over India, total 7 teachers were selected for this award considering their contribution to the development and implementation of innovative teaching techniques in higher education.



**Teaching Innovation Awards to Dr. C.R. Patil by hands of Mr. Prakash Javadekar, Union Minister, MHRD Government of India.**

The award was conferred to Dr. C R Patil for his development of a simulation model of rat to demonstrated the experiment of invasive blood pressure recording. The prototype of this model is being considered for a large scale industrial development.

## RESEARCH PROJECT GRANTED



**Dr. Hitendra S. Mahajan**, Professor in the Department of Pharmaceutics, received research project under core research grant entitled- Minimally invasive Microneedles for Diagnosis and Treatment of Ocular Tuberculosis: Development and Preclinical studies as Principal Investigator from Science and Engineering Research Board (SERB). Total fund sanctioned for project is Rs.25.40 lakh for three years. He previously completed three major projects of Rs. 55 lakhs from UGC and AICTE. He is recipient of Research Award from UGC and BIRAC Appreciation award from Sristi-BIRAC. Dr. P.P. Nerkar, Associate Professor assisting him as co-investigator.

## PhD AWARDED

**Saurabh B. Ganorkar**, Assist. Prof. Dept. of Pharmaceutical Chemistry; has been conferred with Ph. D. Degree by KBC, NMU, Jalgaon on 30<sup>th</sup> June 2018 under the guidance of Dr. Atul A. Shirkhedkar. His thesis was based on Analytical Studies on Chromatographic Spectrophotometric Investigation of Some

Pharmaceutical drugs. He has 13 International and 4 National publications to his credit along with 02 research grants from University Grants Commission, New Delhi and under Vice-Chancellor's research motivation scheme, KBCNMU, Jalgaon.



Recently he has been awarded with Travel grants, one as Young Scientist, from Department of Science and technology's (DST), Science and Engineering Research Board (SERB) and KBCNMU, Jalgaon. His paper has been nominated for the French Speaking Society for Separation Science's - AFSEP Award-2018 during 32<sup>nd</sup> International Symposium on Chromatography (ISC-2018, France).He attended the conference and competed for the award with an oral presentation at Cannes- Mandelieu, France during 23-27 Sep 2018 and stood amongst best 21 presenters. His work is based on the characterization of drug impurities and establishment of their crucial fate in drug discovery process. He has been congratulated for his success by President, Hon. Shri Amrishbhai Patel, Hon. Shri Bhupeshbhai Patel, Chairman Res. Shri. Rajgopalji



Bhandari, Principal, Dr. Sanjay J. Surana and  
Vice- Principal Dr. Atul A. Shirkhedkar.



**Chandrakantsing V. Pardeshi** earned his Ph.D. in Pharmaceutical Sciences from R. C. Patel Institute of Pharmaceutical Education and Research (RCPIPER), Kavayitri Bahinabai Chaudhari North Maharashtra University (KBC NMU), Jalgaon (India) on 21<sup>st</sup> August 2018. Presently, he is an assistant professor at RCPIPER, where he is inventing the novel nasal administration devices for nose-to-brain drug delivery. He has, to his credit, 35 scientific publications, 03 patents, 04 book chapters, and 01 funded research project. He has also presented his research findings at various national and international conferences and symposia. He has been awarded with Gold Medal from KBC NMU, India (2010), Excellence Award from Indian Drug Manufacturer's Association (IDMA) Mumbai, India (2011), and Young Faculty Award from EET-CRS, Kolkata, India (2017).

**Abhijeet D. Kulkarni** was working as Asst. Prof in the RCPIPER have awarded with Ph.D. degree by the North Maharashtra University, Jalgaon in the academic year 2018- 19.



His dissertation topic was "Formulation development and characterization of poorly soluble phytochemicals". He has carried out his research work under the guidance of Dr. Veena S. Belgamwar. He has published 2 research papers in the journals of international repute on the topic of his dissertation. He has also received the minor research grant from UGC.



**Vinod G. Ugale**, Assistant Professor, Department of Pharmaceutical Chemistry, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, Dhule, Maharashtra, has been awarded the degree of Doctor of Philosophy (Ph.D.) in Faculty of Pharmacy by North Maharashtra University, Jalgaon, Maharashtra in the month of June 2018. He

has carried out his research work entitled as "In-silico Design, Synthesis and Pharmacological Evaluation of N-heterocyclic Compounds as Anticonvulsant Agents" under the guidance of Dr. Sanjay B. Bari, Professor and Principal, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur, Dhule. Dr. Vinod Ugale has 9 years of teaching and research experience in computational and medicinal Chemistry. He has published 15 research papers in international and national journals. He has also attended and presented his research work in various national and international conferences. He has successfully completed the research project entitled as 'The Discovery of Quinazolines as Potential Gly/NMDA Receptor Antagonists: A Combination of Pharmacophore Modeling, Virtual Screening and Molecular Docking Studies' during the tenure of his PhD funded by North Maharashtra University, Jalgaon. He sincerely acknowledges the help and support of Principal Dr. Sanjay J. Surana, Vice-Principal and management of R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, Dhule, Maharashtra.

**Mohammad Mujeeb Gulzar Khan**, working as Assistant Professor in the Department of Pharmaceutical Chemistry, R. C. Patel Institute of Pharmaceutical Education and

#### **Upcoming Events (Seminar/ Conferences)**

- 1) One day seminar on "Art of facing interviews and techniques in pharma industry and profession".
- 2) One day seminar on "Scope and potential after pharmacy".

**Excellence is the unlimited ability to improve the quality of what you have to offer.**

**-Rick Pitino**

Research Shirpur, District, Dhule, Maharashtra, has been awarded the degree of Doctor of Philosophy in Pharmacy by North Maharashtra University, Jalgaon,



His thesis work is entitled "Studies on RP-HPLC and HPTLC Methods for The Analysis of Selected Drugs" under the guidance of Dr. A.A. Shirkhedkar, presently a Professor and Vice Principal at R. C. Patel Institute of Pharmaceutical Education and Research Shirpur. Dr. Khan had 11 years of academic experience. He has been received research grant from North Maharashtra University, Jalgaon, under the Vice Chancellor research Promotional scheme. He has been Published National and International research paper in well reputed journals. His HPTLC paper was nominated for P.D. Sethi Best HPTLC paper award.