I am very glad to see this new 2nd, quarterly e-news letter as PharmaBuzz that our faculties have put out with consistent enthusiasm interest and renewed efforts, at Anand college of Pharmacy.

The campus has been colorful and abuzz with activities in this month of March with festivities and celebration of “Cerebrum-2015”. It was pleasantly infectious to watch the student’s enthusiasm and joy in participating in various extracurricular activities, apart from their studies.

It was also a month for farewell to final year students, which was celebrated with much fan fare by all students and faculties, albeit with the feeling of loss and nostalgia for the years gone by, as everybody bid a goodbye to final year students, with words of good luck and worldly wisdom. The final year looked keen, at large now to take on the job market and face the world, leaving the security cocoon of academic college atmosphere.

The college ambiance in the following months wore a serious look as the academic sessions started vigorously focusing on completion of syllabus and final exam preparations for impending university exams in early May. It was also a time when the multiple Pharmaceutical, Biotech and chemical companies were on hiring spree and students in final year have wider choices of campus interviews from these industries offering varied packages, to choose from, prepare and face the interview with confidence, which they did with their skill and enough preparation with our regular PDP sessions conducted in college throughout the semester.
In the month of April itself that I have organized a demonstration on invasive and noninvasive techniques of measurement of blood pressure by the latest technologies by Powerlab, for which I was talking with respective people in AD instrument, an established Australian company having a wider presence representing this segment in India, in well known academic institutes as well as industries. I have been in touch with them from quite a few years and talked to them a month before to come and put up a demo at college, keeping in mind our M. Pharm pharmacology students majorly as a key audience, as they would have to learn the same in subject of ‘screening methods and bioassays’ in their upcoming 2\textsuperscript{nd} semester. But it was heartening to see the demo received with the equal interest, curiosity and enthusiasm by all B. Pharm students and faculties.

This is what I want to inculcate in time to come, to my all students, faculties and staff that aptitude could be learnt but the attitude though, ingrained can be acquired over time with experience, enthusiasm and a will to learn. This could be achieved only, if we all remain lifelong students and never stops learning. And this only will bring about an ideal academic culture that we wish for in any academic institution.

With this I present this 2\textsuperscript{nd} news letter-2, Pharmabuzz to you with fervent hope that you love to go through the same with interest, not only for its regular contents and activities and achievements but also for its tiny chunks of wisdom quotes related to health and pharmacy, apart from other interesting matters, which try to serve as magical bits of potions to uplift the spirit.

With Cheers & Best wishes,

Dr. Kashmira J. Gohil
Director

\textit{Natural forces within us are the true healers of disease. - Hippocrates}
DEPARTMENTAL ACTIVITIES

TAJ MAHOTSAVA HEALTH CHECK UP CAMP 2015

A free health check up Camp was organized from 19.2.15 to 27.2.15 at Taj Mahotsava area by Anand College of Pharmacy, Keetham, Agra under the umbrella of SHARDA GROUP of INSTITUTIONS. The team was lead by Mr. Arun Kumar (Assistant Professor, Pharmacology, ACP). Every day during the mentioned tenure a team of two faculty members & 4 students, were appointed on duty at the stall for doing free checkups like Blood Glucose determination, Blood pressure & BMI. More than 500 people were benefitted by the facility provided by the team of Anand College of Pharmacy. Anand college of Pharmacy is committed to organize such camps for the benefit of common people in the near future with wider options of treatments and diagnosis for patients.

TAJ MAHOTSAV HEALTH CHECK-UP CAMP PICTURE GALLERY

Taj Maohotsav Health Checkup Camp at Shilpgram
Dr. Kashmira J. Gohil, Director, ACP (Center), Mr. Gurvinder Pal Singh (left), Mr. Arun Kumar (Right]

Visitors waiting for their turn

A Student Checking BP of Visitor

Mr. Arun Kumar (Asstt. Prof, Pharmacology, ACP)
Checking BP of Foreign Visitor

“Walking is man’s best medicine” - Hippocrates
MEDIA COVERAGE

"A little toxin is the best tonic" - David P. Gontar
Demonstration of invasive and non-invasive methods of measurement of Blood Pressure by the latest technology - Power Lab

Anand College of Pharmacy organized a demonstration of invasive and non-invasive methods of measurement of Blood Pressure by the latest technology - Power Lab (by Meditech Equipment Co., Mumbai authorized distributors of – “AD instruments” Australian company) on 29th April 2015. The team of Power Lab demonstrated the determination of Blood Pressure by invasive & noninvasive technique & explained every step meticulously to the students and faculty members. They explained that how POWERLAB Data Acquisition Systems can be used for recording various parameters in Humans & Animals (Cardio vascular parameters: IBP, Systolic, Diastolic, MAP, Heart rate, ECG, HRV, respiration etc.). Mr. Arun Kumar (Asst. Prof, Pharmacology, ACP) coordinated the demonstration for the team of Power Lab. PowerLab’s are capable of recording at speeds of up to 400,000 samples per second continuously to disk (aggregate), and are compatible with instruments, signal conditioners and transducers supplied by AD Instruments. Obtain non-invasive blood pressure (NIBP) measurements with the NIBP System, in conjunction with a PowerLab system. The NIBP System outputs the pressure and pulse signals to a POWERLAB via a BNC connection. LabChart software can be used to start the NIBP Controller at preset times. This is useful when the pulse is recorded continuously but blood pressure only needs to be sampled periodically. The NIBP System includes a specialized Tail cuff and pulse transducer, for use with Mice & Rat, to intermittently measure Blood pressure based on the periodic occlusion of tail blood flow. Tail cuffs are available for either mice or rats.

Dr. Kashmira Gohil, Director and Dean, Anand college of Pharmacy, conveyed that the college is looking forward to organizing such kind of demonstrations in upcoming Semesters too to make the students and faculty members cognizant of new technologies in the field.

PowerLab Hardware & Software (LabChart & LabChart Pro) were presented as reliable products for an entire generation of scientists and educators, offering a flexible solution for almost all types of data acquisition. Typical applications include research and teaching across human and animal physiology, pharmacology, neurophysiology, biology, zoology, biochemistry, and biomedical engineering. All the Faculty members and students of M. Pharm and B. Pharm were present in the demonstrations and asked relevant questions to satisfy there curiosity.

"Everything in excess is opposed to nature" - Hippocrates
POWER LAB TECHNIQUE DEMONSTRATION PICTURE GALLERY

Power Lab Overview

BP measurement on Rat (Invasive Method)

Demonstration of working of PowerLab

PowerLab (Non-invasive)

PowerLab Specialists with Faculty and all students of Anand College of Pharmacy

Dr. K.J. Gohil (Dean, ACP) presenting Mementos to a team of PowerLab Specialists

MEDIA COVERAGE

एमिदा कोहैलिकों के अनुसंधानों में पावर लैब उपयोगी

अनन्द कॉलेज, अनन्द : अनन्द कॉलेज और कॉलेजी ने उपयोग के आवृत्तियों की प्रमाणित की। इस दौरान अनन्द कॉलेजी विषयों द्वारा कहानियों की प्रति ने उन्नत है। उन्होंनें नवीनता के नयी कार्यक्रम का भी विवरण दिया।

अनन्द कॉलेजी विभिन्न शहरों के नव-नव उद्घाटन के लिए प्रसिद्ध है। उन्होंने नवीनता की विशेषता का भी विवरण दिया।

शिक्षार्थियों ने पावर लैब के नवीनता की उपयोगीता पूरी तरह से सम्बन्धित है। उनका विवरण का भी उपयोग नवीनता के अनुसार है।

आनन्द कॉलेज ने अनन्द कॉलेजी विभिन्न शहरों के नव-नव कार्यक्रम के लिए प्रसिद्ध है।

K.J. Gohil (Dean, ACP) presenting Mementos to a team of PowerLab Specialists

Page - 6
आनंद कॉलेज में शानिवार को पावरलैब पर आयातित मशीनरी के साथ कॉलेज स्टॉफ़।

दवाइयों का बीपी पर असर नापेगी मशीन

आयुर्विज्ञान और फार्मेसी में आस्ट्रेलियाई कंपनी एडी इन्स्ट्रूमेंट्स ने ‘पावरलैब’ तकनीकों के जरिए ब्लड प्रेशर नापने का प्रदर्शन किया। ऐसी कंपनी के विशेषज्ञ डा. आस मोहम्मद और डा. राजीव सिंह ने बताया कि इस तकनीक के जरिए अलग-अलग दवाइयों का परीक्षण करके उनका ब्लड प्रेशर पर असर देखा जा सकता है। इससे हदयंति, भूवासों को दर, इलेक्ट्रोकार्डिओग्राम भी नापा जा सकता है। मशीन से चार लाख सेंकंड तक प्रति सेंकंड तक लिए जा सकते हैं। इसके प्रयोग से फार्माकोलॉजी विषय के अनुसंधानों में फाइन गमल समक्ष है। निदेशक डा. मीरा गोहिल ने बताया कि तकनीकों सभी तरह के अनुसंधानों के लिए बेहतरीन विकल्प है। डा. अरुण कुमार ने संचालन किया।

"There are in fact two things, science and opinion; the former begets knowledge, the later ignorance" - Hippocrates
NERVINE CURE – A STRESS RELIEF AYURVEDIC PROPRITARY MEDICINE

Mrs. Priyanka Srivastava, (Lecturer) Anand college of Pharmacy has worked with Dr. V. K. Lal during his tenure as Director, Sagar Institute of Technology and Management, and Dept. of Pharmacy, Barabanki, UP, who has retired as Deputy Director, Central Council for Research in Ayurvedic Sciences, Ministry of Ayush, Govt. of India and having more than 40 years of experience in research and development of Ayurvedic drugs and formulations. During her tenure Mrs. Shrivastava was actively engaged in development of formulations of Pratap Pharmaceuticals, Lucknow. The formulations are the outcome of the result of various scientists. The company has also used online marketing as an instrumental tool to market these formulations.

A Graphical Representation of Mind with Stress

Nervine Tonic (Ayurvedic Propritary Medicine)

“Drugs are not always necessary. Belief in recovery always is” - Norman Cousins
**Student Activities**

- **Farewell of B. Pharm 2011-15 Batch Students**

A farewell party was organized by Junior Students of 3rd, 2nd and 1st year B. Pharm at Raman Hall of Anand College of Pharmacy for Final Year Seniors. Event was inaugurated with the worship of goddess Saraswati. Audience was addressed by Dr. Kashmira J. Gohil, **Director and Dean, Anand college of Pharmacy**, emphasizing the need to keep updated and sprucing these skill, aptitude and attitude for getting their coveted job in the chosen field. She also wished them the best of luck in their future endeavors and hoped for their better future. Colorful pomp and show was performed by 3rd year students along with 2nd and 1st year students. Sanchita Lal and Komal Gurnani performed a wonderful dance. Other students of 1st and 2nd year also performed various spectacular group dance, mimicry, singing and skit. Saransh Agarwal of B.Pharm 3rd Year presented a documentary on “Women Welfare” during the program. He also told we have often seen women who have accomplished quit a lot regardless of the resistance met like Indira Gandhi (Former Prime minister), Sarojini Naidu (Governor), Kalpana Chawala (Astronaut & Scientist), Mary Kom (Boxer) , Indra Nooyi (chairman and CFO – PEPSICO) , Kiran Mazumdar Shaw (Chairman and Managing Director- BIOCON), Chanda Kochar (MD & CFD – ICICI Bank). Yashi Gupta 1st Year also delivered a speech on “Women Welfare”. The complete cultural program was well organized by the efforts of Aniruddh Pratap Singh, Avinash Pal Singh, Indrapreet Kaur, Sakshi Bansal, Siddartha chaurasia under the guidance of **cultural co-ordinator Dr. Monika Singh**.

All the juniors thanked the seniors for their guidance over the years and wished them all the success on the road ahead.

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“Poisons and medicine are oftentimes the same substance given with different intents”

*Peter Mere Latham*
FAREWELL PARTY PICTURE GALLERY

Group Photograph of B.Pharm Final Year students with Faculties

*Prashant and Surya Pal Singh (1st Year)* singing a duet Song

*Komal Gurnani (2nd Year)* performing a Dance

*Ashini Singh (3rd Year)* anchoring the farewell

*Pankaj Garg (1st Year)* presenting Mimicry
MEDIA COVERAGE

**フェヤवेल में छात्रों का धमाल**

आमरा (ब्लूरी)। आनंद कॉलेज ऑफ फार्मेसी के बीमार्मा के अंतिम वर्ष के छात्रों को रंगारंग विदाई दी गई। संविधान कांग्रेजिलाल और कमल गुर्जर ने बेहतरीन डांस किया। साकंशा अर्कान ने नाराय उद्यय पर डायस्मुंडी फिल्म दिखाई। निदेशक डा. करमीरा जे. गोहल ने छात्रों के सुनहरे भविष्य की कामना की। इस मौके पर डा. मोनिका सिंह, नवंजय सर, अनिरंज प्रताप सिंह, अविनाय पाल सिंह, इंद्रप्रीत कोर, साकें बेंसन ने सहयोग किया।

**याद आएंगे कॉलेज ऑफ फार्मेसी के विदाई समारोह में मौजूद छात्र-छात्राएं।**

मंजीनमेर ने इज्जीनियरिंग कॉलेज ऑफ फार्मेसी के विदाई समारोह में मौजूद छात्र-छात्राएं के नाम पर मंजीनमेर ने विदाई समारोह में मौजूद छात्र-छात्राएं के नाम पर विदाई की।

"Diagnosis is not the end, but the beginning of practice" - Martin H. Fischer

Page - 11
ANNUAL TECHNO-FEST “CEREBRUM-2015”

The students of Anand College of Pharmacy participated in an Annual Techno-Fest “CEREBRUM-2015” on 16th-17th March, 2015 at the Anand Engineering college campus. It comprises of plethora of events for example, singing (solo as well as group), dancing (solo as well as group), mimicry, skits, poster presentations, debate, quiz, and Games. The events were so designed to challenge the intellect of the students, thereby making them prepare impromptu and think out of box. Three students are of 1st year (Neeraj Kumar, Sachin Kumar and Utkarsh Dixit) participated in street play and one student of 3rd year (Hari Om Chandra Tomar) participated in solo singing.

Dr. Monika Singh was the Cultural Coordinator.

The Valedictory Function of CEREBRUM-2015 was scheduled at 3:30 p.m. on Tuesday, 17th March, 2015 at RAMAN HALL. The Chief Guest was Shri Pankaj Kumar, IAS, District Magistrate (DM), Agra to grace the occasion.

Dr. Kashmira J. Gohil, Dean, Anand College of Pharmacy congratulated and addressed the pharmacy students emphasizing the need to organize such events at college and advocated students as well as faculties to take maximum interest and benefits of fest. Techfest invited the ponderers to the platform of CEREBRUM, bring their ideas to the fore and change the way humans interact with the people and earth to create a real impact.

Dr. A. K. Saxena, Director, Anand Engineering Campus, congratulated the team to organize such an event at college to promote extra-curricular activities, orienting student towards the sole motto of discovering the best ideas/talents from across the nation that would drive the transformation and empowerment of the society, and encouraged everyone to work hard to achieve their goals. With his inspiring words, the sessions started. All the teaching faculty member’s gracious presence at this occasion motivated & inspired the students.

Anand College of Pharmacy was the convener for the certificate and Memento Committee in annual Techno-Fest “CEREBRUM-2015” and Mr. Arun Kumar, Asst. Prof., Pharmacology, ACP was one of the Co-coordinators.

“Always laugh, when you can, it is a cheap medicine” - George Gordon Byron
Dr. Kashmira J. Gohil, Director and Dean, Anand college of Pharmacy, delivered a lecture on “Adverse drug reactions and drug allergy: Types, mechanisms and treatment options: Reporting and recent advances” in National Seminar on “Recent Advances in Agricultural, Biomedical-, & Environmental Biotechnology” in Biotech dept, Anand Engineering College on 1st May, 2015. She explained that the adverse drug reactions (ADR) and drug allergy are challenging and major cause of morbidity and mortality worldwide, with the relevant examples on her PowerPoint presentation. Many hospital admissions are because of ADR and from hospitalized patients; many experience serious ADRs, complicating the situation and therapeutic drug courses. Epidemiologic data supports the existence of specific factors that increase the risk of general ADRs such as specific populations, age, female gender and pharmacogenetics and polymorphism. Complicating factors of drug reactions include the myriad clinical symptoms and multiple mechanisms of drug-host interaction, many of which are poorly understood. The treatment options are based on the types of ADR encountered. Reporting and effective management are the urgent needs of the hour today.

Campus recruitment drives were conducted by many companies, as give below:

1. **Cord Life India Ltd.** has conducted campus recruitment drive at on 02nd April 2015 at 2:00 am at company’s regional office, New Delhi for final year students of B.Pharm 2015 batch.

2. **Cedna Biotech (P) Ltd.** has conducted campus recruitment drive at Anand Engineering College only for female student of B. Pharm final year Batch 2015 on 21st April 2015 at 10:00 AM. Two students Ms. Preeti Sikarwar & Ms. Jyoti have been selected from B. Pharm.

3. **Stem Cyte India Ltd** will be conducting recruitment drive very soon for the students of final year B.Pharm, B.Tech. (BT), & MBA (Mktg.) 2015 batch at Hindustan College of Science and Technology (HCST), Farah, Mathura.

4. **Life cell International Ltd** has conducted campus recruitment process telephonically on 16th May 2015 from 11:00 A.M. for final year B.Pharm. students (only male) of 2015 batch.

5. **Synchem Pharma LTD** has conducted campus recruitment process on 25th May in Anand Engineering College Agra for final year B.Pharm. students (only male) of B.Pharm 2015 batch.

6. **CMR Life Sciences** has conducted campus recruitment drive at Anand Engineering College, Agra on 27/05/2015 at 11:00 am for final year B.Pharm. students of B.Pharm 2015 batch. Two students Mr. Dushyant Tyagi & Mr. Nitin Kumar have been selected from B. Pharm.

7. **SBL Pvt. Ltd** has conducted campus recruitment drive at on 29/05/2015 at 11:00 am at company office for final year students of B.Pharm 2015 batch. SBL is the leading homoeopathic medicines manufacturing company in India offering a wide range of world-class homoeopathic remedies including generics, single remedies, bio-chemic/combinations, as well as specialities.

8. **Lifecare Innovations (P) Ltd.** will be conducting a recruitment drive at their Company’s Office Gurgaon very soon for final year students of B.Pharm 2015 batch.

9. **Danone Nutricia International (P). Ltd.** will be conducting campus recruitment process in Anand Engineering College in last week of May for final year B.Pharm. students of B.Pharm and B.Tech (Biotech) 2015 Batch. Nutricia International Private Limited is a wholly-owned subsidiary of Danone, the French-based multinational group specialized in Food and Beverages.

10. “**E-Team**” has conducted campus recruitment process on 26th May 2015 at HITM, Agra for the students of B.Pharm., B.Tech. (CS, IT, EC, BT) & MBA 2015 passing out batch.

11. “**CMR Life Sciences**” has conducted campus recruitment drive at Anand Engineering College, Agra on 29/05/2015 for final year students of B.Pharm 2015 Batch.

12. “**Shreya Life Sciences**” has conducted campus recruitment drive at Company Office, Delhi on 26th May 2015 at 10.00 A.M for final year students of B.Pharm 2015 Batch.
The Anand College of Pharmacy (ACP) an institute of Sharda Group of Institutions (SGI) made its inception in 2006 at Agra. The Institution is approved by PCI and AICTE, Affiliated to UPTU.

**PCI Approval**
(Bachelor of Pharmacy, offered at ACP)

**AICTE** (Ministry of HRD, Govt. of India)
(B.Pharm and M.Pharm are approved by AICTE)

**Uttar Pradesh Technical University**, Lucknow
(B.Pharm and M.Pharm are approved by UPTU, Code-244)

“It is easy to get a thousand prescriptions but hard to get one single remedy”
*Chinese Proverb*
UPCOMING EVENTS

- Orientation of First Year Students (Session 2015-16) in August 2015.
- Proposed Guest Lecture Series-2 in September 2015.
- Proposed International Conference on "Emerging trends in pharmaceutical research with special reference to alternative therapies including herbal medicine and aromatherapy- scope, challenges & future trends” in October 2015.

FAITH AND KNOWLEDGE LEAN LARGELY UPON EACH OTHER IN THE PRACTICE OF MEDICINE.

Peter Mere Latham