I am very pleased to announce the very first e-news letter of Anand College of Pharmacy from this year onwards.

Pharmacy is one of the most trusted and noble profession and remains one of the most fascinating fields in the sciences. During the last few years due to phenomenal growth and advancement of science and technology, including Pharmacology, concept of pharmacy has drastically changed in recent times and today pharmacist is also closely involved as one of the most important member, working hand in glove in majority of the health delivery system along with pharmaceutical industry.

Anand College of Pharmacy is established in the year 2006 by the renowned Sharda Group of institutions (SGI), approved and recognized by AICTE and PCI, Govt. of India. The institute offers courses in B. Pharm and M. Pharm (in Pharmacology) with the prospect of starting Ph. D in Pharmacy. The college has well-equipped laboratories and
excellent infrastructure to make the students acquire knowledge that would help them to face the competitive world.

The B. Pharm. Curriculum ensures that the graduates in Pharmacy become competent to handle a variety of jobs in their profession. There are opportunities galore to the students, if seriously contemplated to make bright and satisfying career. The students have ample avenues to explore and excel in the fields of production and operations, quality control and quality assurance, research and development and regulatory affairs, product development and sales marketing, academics and drug regulatory departments and even careers abroad. Hence it is expected that parents along with their children give a serious thought to join B. Pharm. Course as a right career choice ahead of other professional courses.

Students are provided the best quality education through traditional and modern teaching methods. National Seminars, Workshops and Industrial visits are conducted in the college at regular intervals which enable the students to gain new updated knowledge. The institute also focuses on personality development, confidence building, research exposure and enhancement of communication skills, apart from various cultural events and activities. There would be a paradigm shift in the approach of the academic teaching wherein more emphasis is given to research driven activities, especially at the level of PG in M. Pharm course.

Being the head of a Pharmacy Institute, I feel extremely pleased and proud to reveal that by our concerted efforts and commitment and whole-hearted support and co-operation of the management, this institute is taking fast strides towards excellence and has emerged as one of the most admired and reputed Pharmacy Institutes of the region. All of these reflected in this e-News Letter (Dec-2014 to Feb-2015). Cudos to all Faculty, Staff and students of ACP to make all this happen. We are confident that our students upon completion of the pharmacy course will be capable to meet the professional challenges in their respective career and also meet the public need for providing safe and effective pharmaceutical care. I welcome you to join our dedicated and dynamic team.

I warmly welcome you to explore this new e-News Letter and visit our college at Anand campus to have a feel of our thriving academic environment.

With best compliments

Dr. Kashmira J. Gohil
Director

“As to diseases, make a habit of two things — to help, or at least, to do no harm.”

Hippocrates
Anand College of Pharmacy has conducted a “HEALTH AWARENESS PROGRAMME” in selected schools of Agra to highlight the issues of national importance and general awareness regarding Health and Medicine which is necessary for the community, specially the students who are an army of smart, committed and idealistic to give voice to the voiceless and produce tangible change in our Health Care society”. Under the guidance of Dr.K.J.Gohil (Director), Mrs. Shamshad Fazul (Asst Professor) and Dr. Monika Singh (Lecturer) has organized this programme successfully in the various schools like M.D. Jain Boys Inter College, St. John Girls Inter College, Queen Victoria Girls Inter College, Sachdeva Millennium School, Hillman Public School, Children Progressive Inter College, Shri. H.R. Inter College, Shri R.S. Public School, Avanti Bai Girls Inter College, J.S.L Boys Inter College etc. They have started this programme in Oct-2014 and finished it in Feb-2015. Under this Health Awareness Programme they conducted Seminar and “SCIENTIFIC QUIZ COMPETITION-2014-15”. Quiz comprises of 50 Questions from physics, chemistry, mathematics and Biology. They had also honored the winners of Quiz 2014-15 by awarding trophies and certificates in their morning School assembly. M.D Jain Boys Inter College Principal Dr. Rajeev Jain has honored Mrs. Shamshad Fazul & Monika Singh. In this regard, Dr. Monika Singh delivered seminar on “SAFETY WITH MEDICINE”. She conveyed all the students of 11th and 12th class of various schools about pharmacist’s role in the community. After that Mrs. Shamshath Fazul and Dr. Monika Singh also did students’ “CAREER COUNSELLING” by clarifying their doubts regarding pharmacy profession. They told that not only medical students but non-medical students can also opt for this noble profession. They also explained the importance and need of Pharmacy, a noble profession, which can only provide cost effective drugs and medicines to the people. Their speech highlighted how a Pharma person might maximize the ability of every citizen to create better personal and community health by challenging traditional thinking in the world that is ever changing.

“Always laugh when you can, it is cheap medicine.”
George Gordon Byron
HEALTH AWARENESS PROGRAMME  PICTURE GALLERY

Hillman Public School (Group Photograph)

M.D. Jain Inter College Principal honoring ACP Faculties

Children Progressive Inter College (Group Photograph)

St. John. Girls Inter College (Group Photograph)

Sachdeva Millennium School (Group Photograph)

Mrs. Shamshath addressing M.D. Jain Inter College Assembly

M.D. Jain Inter College (Group Photograph)

“Wherever the art of Medicine is loved, there is also a love of Humanity” - Hippocrates
"The art of medicine consists of amusing the patient while nature cures the disease."

Voltaire
Student Activities

❖ BHARITYA SANSKRITI GYANPARIKSHA 2014-15

Fifty students of B. Pharm. participated in written test for “BHARTIYA SANSKRITI GYAN PARIKSHA-2014”, which was held on held on 8th November 2014 at 02:00 am to 03:00 pm in Room No 204, Anand College of Pharmacy, Agra. Cultural Coordinator Dr. Monika Singh has organized the whole event. Amnender, MPharm Pharmacology, 1st Semester got the 1st prize. Mohan Prakash from B.Pharm 4th semester got the second position and Neeraj Kumar from B.Pharm 2nd semester got the third position. All the three winners got trophies and other the students participated got the certificates by the Director mam, Dr. Kashmira J. Gohil.

❖ INTEL COMPUTER APTITUDE TEST 2014

The national level online “Intel Computer Aptitude Test 2014”, which was held on held on 13th December 2014 at 03:00 am to 05:00 pm in Computer Laboratory, Anand College of Pharmacy, Agra. Econs in association with IRADA take this initiative in sensitizing colleges about the importance of IT Education to ensure a technology updated education sector in India. Hereby we express our gratitude for INTEL EASY STEP commitment in the service of the nation, and in expressing interest towards cyber Olympiad initiative. Cultural Coordinator Dr. Monika Singh handled the event. Four students of B.Pharm appeared in the exam are Siddarth Kapoor (4th semester), Saransh Agarwal (6th semester), Aniruddh Pratap Singh (6th semester) and Siddarth Chaurasia (4th semester). Director mam, Dr. Kashmira J. Gohil presented the certificates to all four students participated.

“Health is like money, we never have a true idea of its value until we lose it.”
Josh Billings
INNOVATION DAY 2014

Sharda Group of Institutions celebrated two Days Event “INNOVATION DAY-2014” on 14-Oct-2015 to 15-Oct-2014 at Hindustan College of Science & Technology, Farah, Mathura. In this event, Various Teams of Students of all the three colleges (Hindustan College of Science & Technology, Anand Engineering College and Hindustan Institute and Technology Management) along with various reputed schools of Agra and Mathura participated. They presented different working/Non-working models in the Competition. Cultural Coordinator Dr. Monika Singh supported the Teams.

Two teams of Anand College of Pharmacy, presented models in the innovation Day. One team members presented model on Nitrogen determinations in samples. This team comprises of 4 students of 5th semester. These are Aniruddh pratap singh [B.Pharm 3rd year], Inderpreet kaur [B.Pharm 3rd year], Sanjiv kumar [B.Pharm 3rd year], Manish kumar [B.Pharm 3rd year]. Kjeldahl nitrogen determinations are performed on a variety of substances such as meat, feed, grain, waste water, soil, and many other samples. The Kjeldahl method is also employed in environmental analysis and the agricultural industry for the determination of nitrates and ammonium. Various scientific associations approve and have refined the Kjeldahl method, including the AOAC International (formerly the Association of Official Analytical Chemists), Association of American Cereal Chemists, American Oil Chemists Society, Environmental Protection Agency, International Standards Organization, and United States Department of Agriculture. Another team comprises of two students (Siddharth Chaurasia & Abhijeet Biswas) of 4th semester presented model on “The Kidney and its Functional Unit”. Functions of the kidneys includes: Regulation of blood ionic composition, Regulation of blood pH, Regulation of blood volume, Regulation of blood pressure, Maintenance of blood osmolarity, Production of hormones, Regulation of blood glucose level, Excretion of wastes and foreign substances.

“Health is a state of complete harmony of the body, mind and spirit. When one is free from physical disabilities and mental distractions, the gates of the soul open.” - B.K.S. Iyengar
In medicine, dialysis is a process for removing waste and excess water from the blood, and is used primarily as an artificial replacement for lost kidney function in people with renal failure. Dialysis may be used for those with an acute disturbance in kidney function (acute kidney injury, previously acute renal failure), or progressive but chronically worsening kidney function—a state known as chronic kidney disease stage 5 (previously chronic renal failure or end-stage renal disease).

**GPAT-2015**

AICTE has been conducting the National level GRADUATE PHARMACY APTITUDE TEST (GPAT) since 2010 for facilitating institutions to select suitable students for admission in postgraduate Pharmacy programmes approved by AICTE. From 2013 GPAT is being conducted as computer based On-Line Test. The GPAT test was held on 23/24 Feb 2015 (on 9:30 AM to 12:30 PM and 2:30 PM to 5:30 PM), around 25,000 Candidates participated. Declaration of result was on 27th March 2015.

**Siddharth Kapoor**, B.Pharm Final Year has been qualified in GPAT-2015 with GPAT score 140 & AIR 1562.

“Our bodies are our gardens – our wills are our gardeners”

*William Shakespeare*
The 2-DAY GUEST LECTURE SERIES-1 on “Current Trends in Pharmaceutical Research and Career Opportunities: Scope Challenges and Future Directions” was organized at Anand College of Pharmacy, Keetham, Agra, on 6th & 7th February, 2015. Dr. Kashmira Gohil, Director, Anand College of Pharmacy, emphasized the need to organize such events at college and advocated students as well as faculties to take maximum interest and benefits of lecture series by asking relevant questions, interacting with the speakers and implementing the solutions gained in research to advance their career. Dr. A. K. Saxena, Director, Anand Engineering College, congratulated the team to organize such an event. Mr. Arun Kumar (Asst. Prof. Pharmacology) and Mr. Gurvinder Pal Singh (Asst. Prof. Pharm analysis) coordinated the event successfully. This Lecture Series was attended by the Faculties and Students in the campus as well as professionals from outside the campus. The eminent speakers in Pharmaceutical fraternity delivered talks on research, scope & career in Pharmaceutical sciences, as a theme lecture series. On 1st day, Mr. Vipul Gera, Regional Sales Manager, Lupin Pharmaceuticals, New Delhi spoke on the topic ‘Future Perspective of Indian Pharmaceutical Market’ followed by the second lecture of Dr. S.V. Rajendra, Prof. and HOD, Dept. of Pharmacy, GRDP/GIMT, Dehradun on the topic ‘Animal tissue Culture and Stem Cells: current research in Pharmaceutical and medical Science’. He emphasized the importance of extracting and storing the embryo stem cells, animal stem cells and cord blood stem cells for future regeneration and complete eradication of life threatening diseases like Rheumatoid arthritis, diabetes, neurological disorders like Alzheimer’s disease etc. On 2nd day, Mr. Devesh Mishra, Dept. of Pharmacovigilance, Ranbaxy Laboratories, Gurgaon, Haryana, delivered a talk on the topic ‘Pharmacovigilance: the current need and approach’. He highlighted the fact that the pharmacovigilance is still very poor in our country. The safety requirement of the product and surgical instruments by spontaneous and periodic bases by following good guidelines needed to be observed properly for checking all the medicines in the market for safety purpose. The second speaker of the day, the veteran & eminent pharmacologist Dr. D.D. Santani, NIMS University Jaipur delivered his speech on the topic ‘Career opportunities in Pharmaceutical Sciences’. Students & faculty members were enlightened to various aspects of research as well as scope & Career in Pharmacy. The event was very informative to all the students of Pharmacy, Biotechnology & other branches related to Health Sciences.
GUEST LECTURE SERIES-1 PICTURE GALLERY

Lecture by Mr. Vipul Gera

Lecture by Dr. S.V. Rajendra

Lecture by Mr. Devesh Mishra

Mr. Devesh Mishra welcomed by Director Dr. K. J. Gohil

Lecture by Dr. D.D. Santani

Director Dr. K. J. Gohil presenting memento to Dr. D.D. Santani

ACP Faculty Group Photo

Group Photo of Guest Lecture Series-1

“Health is a relationship between you and your body” - Terri Guillemets

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EXTRA CURRICULAR ACTIVITIES

The Sports Club of Anand Engineering College organized a Cricket Tournament on AEC Stadium which was won by a combined team of Anand College of Pharmacy & CS, IT branches of AEC. Mr. Arun Kumar, Asst. Prof., Anand College of Pharmacy was declared **Man of the Match & Man of the tournament**. Prof. Anil Kishor (Director AEC) Dr. Kashmira J. Gohil (Director ACP), Dr. J. S. Yadav, Dr. Amit Sharma (Dean Academics) were present on the occasion. The event was coordinated by Dr. Rampal Singh.

“A man too busy to take care of his health is like a mechanic too busy to take care of his tools.”

*Spanish Proverb*
FACULTY ACHIEVEMENTS

Publications

Dr. Kashmira J. Gohil, Director, Anand College of Pharmacy, published a paper entitled “Effects of simultaneous administration of Curcuma longa extracts and SNRI-reboxetin on 2-week, chronic, oral, once daily administration in animals- a research study.” World J Pharm Pharma Sci 2015; 4: 1405-29, ISSN:2278-4357, IF:5.210, ICV:5.76
This Paper was awarded ‘Best Paper Award’ by the Journal.

Dr. Kashmira J. Gohil, Director, Anand College of Pharmacy, published a paper entitled “Curcumin as an antidepressant: A review.” Res Rev: J Pharmacog Pharmachem 2014; 2: 29-34 e ISSN; 2321-6182, Print ISSN:2347-2332. IF: 3.05.

Dr. Kashmira J. Gohil, Director, Anand College of Pharmacy, published a paper entitled “Investigation of antidepressant and anxiolytic activity of curcumin given alone and in combination with amitriptyline in rats.” Ind J Res Pharmacy Biotech 2014; 2(3):1173-8, ISSN:2321-5647

Dr. Monika Singh (Lecturer) developed a monograph which is accepted by Nova Science Inc. on entitled “Development of Models for CB2 Cannabinoid Receptor Agonist Activity Using Refined General Randic Indices in ADVANCES IN CHEMICAL MODELING”, VOL. V NOVA Science Inc., New York (USA).

Mrs. Priyanka Shrivastava (Lecturer) published a book “Pharmacy aptitude” (Dhankar Publication-2014) as co-author.


Mrs. Priyanka Shrivastava (Lecturer) attended ‘Inter Collegiate Culture Competitions and Arogya Mela “Nidaan”’ 2015 scheduled on dated 17th and 18th Jan 2015 at SITM, Department of Pharmacy, Barabanki, Uttar Padesh.

Mr. Mukesh Kumar Kumawat (Asst. Prof.) published a paper in International Journal as a co-author entitled “Discovery of novel 1,3,5-triazine-thiazolidine-2,4-diones as dipeptide -4 inhibitors with antibacterial property targeting he S1 pocket for treatment of type-2 Diabetes”, RSC Advances, 2015; 05: 14095-14102.

“The doctor of the future will no longer treat the human frame with drugs, but rather will cure and prevent disease with nutrition.” - Thomas Edison

Seminar / Workshop Attended

Mr. Mukesh Kumar Kumawat (Asst. Prof.) attended a National Seminar on “Perspectives in Pharmaceutical Industry: Response of Pharma Education” conducted by IIHMR University, Jaipur in association with Association of Pharmaceutical Teachers of India (APTI) Rajasthan state Branch & Indian Pharmaceutical Association (IPA), Rajasthan on December 20, 2014 at the IIHMR University, Jaipur Campus.

Ph.D. Completed

Mrs. Rekha T. Rajput (Asst. Prof.) successfully completed her Ph.D. on titled “Evaluation and Development of Anti-Diabetic Polyherbal Formulation of Indian Medicinal Plants” on dated 10th Jan 2015.


Mrs. Monika Singh (Lecturer) successfully completed her Ph.D. on titled “Development of new generation molecular descriptors for accelerating in silico drug discovery process” on dated 7th April 2015.

Faculty Development Programme (FDP) attended

Mr. Gurvinder Pal Singh (Lecturer), Mrs. Priyanka Shrivastava (Lecturer) and Dr. Monika Singh (Lecturer) attended 15 days Faculty Induction Development Programme organized by Sharda Group of Institution at Hindustan Institute of Technology and Management from 18th Dec 2014 to 1st Jan 2015.

“To insure good health: eat lightly, breathe deeply, live moderately, cultivate cheerfulness, and maintain an interest in life.” - William Londen
A Spiritual Lecture at Vivekanand Needam, Gwalior

Prof. A.K. Gupta taking Spiritual Lecture at Vivekanand Needam, Gwalior

Group photograph at Vivekanand Needam, Gwalior

Taking Lunch at Vivekanand Needam, Gwalior

Group photograph of FDP participants at HITM, 19 km stone, Keetham, Agra

“A good laugh and a long sleep are the best cures in the doctor's book”

Irish Proverb
Campus recruitment drives were conducted by the following companies:

**Life cell International Ltd.** - 9th January 2015 at Hindustan College of Science and Technology (HCST), Farah, Mathura. Four students, Laxmi Narayan Singh, Tamanna Khan, Suruchi Rai & Manisha Das have been short listed from B.Pharm. batch 2014-15. Final round of interview will be held at company office, New Delhi.

**IDS INFOTECH Ltd.** – 12th Jan. 2015 at Hindustan College of Science and Technology (HCST), Farah, Mathura.

**Cryobanks International (P) Ltd.** - 10th Feb. 2015. Three students of B.Pharm. batch 2014-15, Tamanna Khan, Arun Singh & Tanya Oberoi have been selected.

**Shreya Life Sciences** – 19th Feb 2015 at Hindustan College of Science and Technology (HCST), Farah, Mathura. Three students of B.Pharma 2015 batch Rahul Yadav, Laxmi Narayan Singh & Roashi Srivastava have been selected.


**Cord Life India** – 2nd April 2015 at Companies Regional Office, New Delhi. Six students have been appeared in this recruitment drive and results are awaited.

"Time And health are two precious assets that we don’t recognize and appreciate until they have been depleted" - Denis Waitley
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.Pharma and M.Pharma are approved by AICTE)

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

Anand College of Pharmacy was awarded with TIME RESEARCH Award 2013.

“Physical fitness is not only one of the most important keys to a healthy body, it is the basis of dynamic and creative intellectual activity.” - **John F. Kennedy**
UPCOMING EVENTS

- Demonstration of Invasive and Non-Invasive methods of measurement of blood pressure by latest technology - Power Lab in April 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.

- Proposed Guest Lecture Series-2 in September 2015.


“Today, more than 95% of all chronic disease is caused by food choice, toxic food ingredients, nutritional deficiencies and lack of physical exercise.” - Mike Adams