

QIP Short Term Course (Online)
**Natural Products in Holistic Healthcare – Recent Trends
& Future Prospects (21– 26 December, 2020)**

For Online registration:
<https://forms.gle/3eYMLwDXxnw2f9rd9>

REGISTRATION FORM
(Separately attached also)

Full Name	:	
Date of Birth (dd.mm.yyyy)	:	
Gender (Male/Female/ Others)	:	
Address for communication	:	
Email ID	:	
Mobile No	:	+91-
Highest academic qualification	:	
Specialization	:	
Teaching experience in years	:	
Designation & Pay scale	:	
College/Institute/University	:	

Please register me for the QIP short term online course on “NPH2” to be held at IIT (BHU), Varanasi.

Place: _____ Signature of applicant with date

Sponsorship

Prof./Dr./Mr./Ms./Mrs./ _____ an employee of our institute, is hereby sponsored for the course. The applicant will be permitted to attend the “QIP short term course on “NPH2” at IIT (BHU), Varanasi, to be held during 21– 26 December, 2020, if selected.

Signature with date of Sponsoring Authority
Designation & Official seal

About the Course

Natural products play a vital role in the holistic healthcare of human beings from Vedic era to date. Natural products or herbal drugs are reliable, safe, efficacious and readily acceptable sources of medicaments. Around 506 new approved drugs from 1981 – 2019 are either Natural products or Natural product derivatives. India is the second-largest exporter of medicinal plants in the world. The STC will include recent trends & future prospects of natural products from therapeutics to nutraceuticals & cosmeceuticals and natural excipients. The topics to be covered during the course broadly includes:

- Role of medicinal plants in various non-communicable diseases like Diabetes, Cardiovascular diseases, GI tract disorders, Neurodegenerative disorders, Cancer etc.
- Medicinal plants & Immunity
- Natural products in combating SARS - COVID19 pandemic & other viral infections
- Advances in quality control and standardization of medicinal plants
- Formulation development & characterization of herbal drugs
- Advances in separation & analytical techniques of natural products – LC-MS-MS; HPLC, HPTLC, NMR
- Application of biotechnological tools in medicinal plants for improved phytopharmaceutical production
- Informatics and computational methods in natural product drug discovery
- Phytopharmaceuticals, Nutraceuticals & cosmeceuticals
- QbD with special reference to herbal drugs
- Regulatory aspects of herbal drugs

Who should attend?

Faculty members with pharmacy or allied life science background from University/Engineering/Pharmacy colleges recognized by AICTE are eligible to attend the course. Limited number of participants.

How to register?

Eligible candidates should fill the online registration form at:
<https://forms.gle/3eYMLwDXxnw2f9rd9>



AICTE Sponsored

QIP Short Term Course

(Online)

on

**Natural Products in Holistic Healthcare
– Recent Trends & Future Prospects
(NPH2)
21-26 December, 2020**

Coordinator

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Co-coordinators

Dr. S. Hemalatha
Dr. S. K. Mishra
Dr. Abha Mishra

Organized by

**Department of Pharmaceutical
Engineering & Technology
Indian Institute of Technology
(Banaras Hindu University)**

Last date of Registration: **12 December 2020**
Intimation of Selection by email: **17 December 2020**

About Varanasi

The holy city Varanasi, one of the oldest living cities on earth is also known as the city of temples, lights and learning. Being situated on the banks of the holy river Ganges, Varanasi is a place of great historical and cultural importance. This religious and spiritual capital of India is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Lord Buddha gave his first set of sermons at Sarnath, located in the outskirts of Varanasi, nearly 2500 years ago. Buddhists from all over the world visit the holy city on pilgrimage.

Varanasi is the seat of spiritual and modern learning, keeping pace with modern advanced knowledge. The city is famous for silk fabrics, perfumes, artistic brass and copperware and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world. To be in Varanasi is an experience in itself. The majestic ghats on the banks of Ganga, Subh-e-banaras, visit to famous temples and evening Ganga Aarti are some of the special attractions.



About IIT BHU

Established in 1919, the Indian Institute of Technology (Banaras Hindu University) owes its existence to the farsighted vision of its founder Bharat Ratna Mahamana Pandit Madan Mohan Malaviya. Initially, three engineering and technological institutions were established namely, BENCO in 1919, MINMET in 1923 and TECHNO in 1932. The first ever bachelor degree in Ceramics, Electrical, Mechanical, Metallurgy and Mining Engineering and Pharmacy in India were pioneered at BHU while Pharmacy was the first in Southeast Asia. Later, BENCO, MINMET and TECHNO were merged to form Institute of Technology (IT-BHU) in 1968. In 2012, IT-BHU was converted into IIT (BHU), Varanasi.

IIT (BHU) comprised of 15 departments and 3 interdisciplinary schools, offers 4-year B.Tech. programmes in 10 disciplines, 5-year IDD programmes in 14 disciplines, 2-year M.Tech./M.Pharm programmes in 14 disciplines and Ph.D programmes in 19 disciplines. Apart from implementing rigorous academic programmes, the institute has been consistently promoting research on thrust areas of various engineering and science disciplines.



About the Department

The Department of Pharmaceutical Engineering & Technology came into existence in 1934 under the leadership of Professor Mahadev Lal Schroff, the first Head of the erstwhile Department of Pharmaceutics. Over the last eighty eight years, the department has been continuously imparting quality education to produce pharmacists befitting to the requirements of industry and society and thus contributing to the growth and expansion of pharmaceutical education and research across the country.

In 2013, the department has introduced new research based undergraduate and integrated dual degree curricula to impart innovative research skills and expertise among the students. The department has been actively engaged in the cutting edge research areas of drug discovery and development. The Department has also hosted many events at the National level and to name a few are the 17th, 34th & 59th editions of Indian Pharmaceutical Congress in the years 1965, 1982 & 2007 in conjunction with Silver, Golden and Platinum Jubilee of the Department, respectively.

