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Recognized u/s 2(I) & 12(B) of the UGC Act, 1956, New Delhi, Recognized Research Center, JNTUA, Ananthapuramu,

1.2.1 NUMBER OF ADD ON /CERTIFICATE PROGRAMS OFFERED DURING 2021-2022

Number of add on programs	Name of the add on programs	Date	Duration of the program
1.	PHARMACOVIGILANCE AND DRUG SAFETY	09-08-2021 TO 13-08-2021	30 hours
2.	AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS	03-01-2022 TO 07-01-2022	30 hours



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NEW BOYANAPALLI - 516
RAJAMPET, ANNAMAYYA DISL. T.P

1.2.1 NUMBER OF ADD ON /CERTIFICATE PROGRAMS OFFERED DURING 2021-2022

ADD ON PROGRAM-1

PHARMACOVIGILANCE AND DRUG SAFETY FROM 09-08-2021 TO 13-08-2021

AN ADD ON PROGRAMME ON

PHARMACOVIGILANCE AND DRUG SAFETY

FROM 09-08-2021 TO 13-08-2021



Organized By



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INTRODUCTION

Drug Post-marketing surveillance programs are essential in every country for monitoring the occurrence of ADRs, as the data derived from within the country may encourage national regulatory decision making. These programs may contribute to decrease in morbidity, mortality, hospital-lization and healthcare costs, and liability associated with ADRs. Majority ADRs often go unrecognized or unreported. In Clinical practice this implies having in place a well-organized Pharmaco- vigilance system.

Objectives of the programme:

- > Improving patient care and safety in relation to the use of medicines and all medical and paramedical inter- ventions,
- > Improving public health and safety in relation to the use of medicines,
- > Contributing to the assessment of benefit, harm, effectiveness and risk of medicines, encouraging their safe, rational and more effective (including cost effective) use, and
- > Promotion of understanding, education and clinical training in pharmacovigilance and its effective communication to the public.

Need for Pharmacovigilance:

Not everything is known about a medicine when it receives its license for marketing. The merits of a new drug, balancing its beneficial and its untoward effects become established only after sufficient experience has been gained from its use in real practice.

The reasons for the necessity of Pharmacovigilance are:

- ➤ Information on drug safety collected during drug development is incomplete as preclinical drug development processes involve the evaluation of drug safety and efficacy in animal experiments and often it may not be appropriate to extrapolate the results of animal experiments to human.
- ➤ Clinical trials are evaluated for limited duration and limited numbers of carefully selected patients in carefully selected settings.
- ➤ Information is often incomplete or not available on
- > Rare but serious reactions.
- ➤ Use of drugs in vulnerable groups (pregnant women, children, geriatric).
- ➤ Risks of long term, repeated use and drug-drug, drug- food, drug-nutritional supplement interactions.

RESOURCE PERSON

Dr. D. Giri rajasekhar, Associate Professor,

Department of Pharmacy practice

Email:giriraj.pharma@gmail.com, Contact number: 9948013281

Annamacharya College of Pharmacy, Rajampeta

Dr. M. Pramod, Associate Professor

Department of Pharmacy practice,

Email:merigapramodkumar@gmail.com, Contact number: 9493384398

Annamacharya College of Pharmacy, Rajampeta

CHIEF PATRON

Sri. C. Gangi Reddy

Hon. Secretary, A.E.T. Rajampeta.

PATRON

Sri C. Yella Reddy

Hon. Treasurer, A.E.T. Rajampeta

CONVENOR

Dr. D. Swarnalatha

Principal, ANCP, Rajampeta

COORDINATOR

Dr. C. SURYA PRAKASH REDDY

Program Coordinator, ANCP, Rajampet

ORGANIZATION COMMITTEE

Dr. M. Sireesha

Dr. K. Haneefa

Dr. M. Anil

Estd: 2003

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Program name: PHARMACOVIGILANCE AND DRUG SAFETY

Duration: 09-08-2021 TO 13-08-2021

Academic year: 2021-2022

Curriculum designed and developed by:

S.No	Faculty name	Designation	Signature
1	Dr. C. Suryaprakash Reddy	Professor	lusey.
2	Dr. D. Giri rajasekhar	Associate professor	T.
3	Dr. M. Sireesha	Associate professor	Sum
4	Dr. M. Pramod	Associate professor	we.



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PROGRAM CURRICULUM:

Session	Title	Duration
1	Describe the role of the drug safety function in the medical product lifecycle.	3hrs
2	Discuss the role of key drug safety professionals within the drug safety function and toxicology studies and the limitations in predicting human toxicity.	3hrs
3	Assessment of drug adverse events and describe the fundamental concepts of premarket safety and apllications.	3hrs
4	Explain the techniques for writing clear, concise safety reports including ICSRs, safety summaries, and periodic reports	3hrs
5	principles of pharmacoepidemiology, pharmacogenomics, and other drug safety sciences to analyze potential safety issues.	3hrs
6	Explain the application of benefit-risk analysis methodologies in pharmacovigilance.	3hrs
7	Describe risk mitigation and minimization strategies Risk Evaluation and Mitigation Strategy (REMS)	3hrs
8	Describe the development and maintenance of pharmacovigilance standard operating procedures (SOPs)	3hrs
9	Summarize how to design, develop, and manage a Quality Management System	3hrs
10	Describe how to effectively prepare for and conduct audits and inspections	3hrs

COORDINATOR

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REPORT

Name of the Program: PHARMACOVIGILANCE AND DRUG SAFETY

Duration: 09-08-2021 TO 13-08-2021

Academic year: 2021-2022

Resource person details:

Dr. D. Giri rajasekhar Dr. M. Pramod

Associate Professor, Associate Professor

Department of Pharmacy practice, Department of Pharmacy practice

Annamacharya College of Pharmacy, Annamacharya College of Pharmacy

Email: giriraj.pharma@gmail.com Email: merigapramodkumar@gmail.com

Contact number: 9948013281 Contact number: 9493384398

Annamacharya College of Pharmacy, Newboyanapalli, Rajampet organized a add on program on Pharmacovigilance and Drug Safety for UG students by Dr. D. Giri rajasekhar, Associate Professor, Department of Pharmacy practice and Dr. M. Pramod, Associate Professor, Department of Pharmacy practice from 09-08-2021 TO 13-08-2021. This program was designed to educate the students about advanced information of the program in addition to regular curriculum. Totally 25 students participated in this program. Upon completion of the course the students were able to understand the following objectives and learning outcomes.

Objectives:

- > Improving patient care and safety in relation to the use of medicines
- > Improving public health and safety in relation to the use of medicines,
- > Contributing to the assessment of benefit, harm, effectiveness and risk of medicines, encouraging their safe, rational and more effective (including cost effective) use, and
- > Promotion of understanding, education and clinical training in pharmacovigilance and its effective communication to the public.

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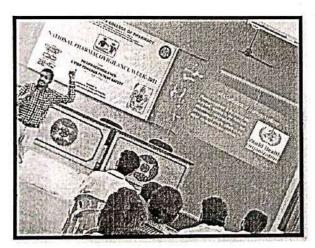
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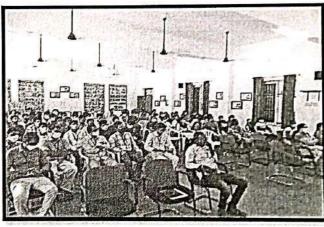
Learning outcomes:

- Understand the procedures to convert the research outcome into patients.
- Impart greater awareness about the issue of drug safety.
- > Understanding the effectiveness and risk of medicines.









This program was very much informative to the students and their feedback was positive about the program. The management and Dr. D. Swarna latha, Principal of Annamacharya College of Pharmacy thanked Dr. D. Giri rajasekhar and Dr. M. Pramod for their efforts in providing the additional knowledge to students.

COORDINATOR

PRINCIPAL

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NEW BOYANAPALLI-510

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Estd: 2003

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Program name: PHARMACOVIGILANCE AND DRUG SAFETY

Schedule: 09-08-2021 TO 13-08-2021

Academic year: 2021-2022

Class: IV B.Pharmacy

LIST OF STUDENTS

S.No	Reg.No	Name of the student
1. 1	18M71R0001	ABRAHAM JOSEPH PESALEDDULA
2.	18M71R0002	AFIYA PARVEEN SHAIK
3.	18M71R0003	AFRIN SYED
4.	18M71R0004	AFRIN VALLURU
5.	18M71R0005	ALLA BAKASH SHAIK
6.	18M71R0006	AMARNATH KOTHAKOTA
7.	18M71R0007	ANAGHA PRIYA BHAVANASI
8.	18M71R0008	ANKITHA MOPURI
9.	18M71R0009	ASHA SHAIK
10.	18M71R0010	ASHASHAINY BANDARU
11.	18M71R0011	AYESHA SYED
12.	18M71R0012	BAVITHA REDDY VALLELA
13.	18M71R0013	BHAVANAPRATHYUSHA MOORA
14.	18M71R0014	BHAVITHA PIDUGU
15.	18M71R0015	BHAVYA SREE PUNAGANI
16.	18M71R0017	CHANIKYA RAGIRI
17.	18M71R0018	DHARANI CHALLA
18.	18M71R0019	DIVYA GOPALAPPA GARI
19.	18M71R0020	FAROOQ BASHA MASULDHAR

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20.	18M71R0021	GOWRI SHANKAR REDDY MOOLI
21.	18M71R0022	HARI KUMAR MUDDALAVARI
22.	18M71R0023	HARSHA KIRAN REDDY KATHA
23.	18M71R0024	JAYAPRAKASH REDDY MUCHUKOTA
24.	18M71R0025	JEEVITHA JENNE
25.	18M71R0026	JYOTHI S
26.	18M71R0027	KALPANA THANDAI
27.	18M71R0028	KEERTHI YEDDULA
28.	18M71R0029	LAKSHMI REDDAMMA BONTHA
29.	18M71R0031	MADHUSUDHAN REDDY KACHANA
30.	18M71R0032	MAHENDRA KUMAR KOLISETTY
31.	18M71R0033	MAHESH JALUKURI
32.	18M71R0034	MALLIKARJUNA GUJJULA
33.	18M71R0035	MEGHANA GUNIPATI
34.	18M71R0036	MOHAN KUMAR SANKEPALLI
35.	18M71R0037	MOUNIKA KOVVURI
36.	18M71R0038	MOUNIKA MUNAGA
37.	18M71R0039	MOUNIKA PODALAKURU
38.	18M71R0040	MOUNIKA SULAM
39.	18M71R0047	NIHARIKA KOPPOLI
40.	18M71R0048	PAVAN KUMAR YADAV PANGA

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Organized by

Dept. of Pharmacy Practice

Certificate of Completion

This is to certify that BHAVITHA PIDUGU has successfully completed Add on program on Pharmacovigilance and Drug Safety, from 09-08-2021 to 13-08-2021 organised by Annamacharya College of Pharmacy, New Boyanapalli, Rajampet.

Sri. C. Gangi Reddy, Secretary, AET.

G. Loog

Dr. D. Swarnalatha, Principal, ANCP

1.2.1 NUMBER OF ADD ON /CERTIFICATE PROGRAMS OFFERED DURING 2021-2022

ADD ON PROGRAM-2

AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS

FROM 03-01-2022 TO 07-01-2022

AN ADD ON PROGRAMME ON

AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS

FROM 03-01-2022 TO 07-01-2022



Organized By



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INTRODUCTION

Traditional systems of medicine in India include Ayurveda, Yoga, Naturopathy, Unani and Siddha. Among them Ayurveda, Siddha and Unani systems (ASU) use plants, minerals and animal products as main drugs to cure various ailments. There has been a boom in the usage of ASU drugs and export is appreciably high in the last two decades. Counterfeits and drugs of poor quality degrade the clinical effects of ASU drugs. Thus authentication is a critical step for successful and reliable clinical applications and for further experimental studies on ASU drugs. The authentication methods for herbal, mineral and marine products are discussed in detail which broadly include microscopy, spectroscopy, chromatography, chemometry, immunoassays, DNA fingerprinting etc. A simple method like organoleptic characteristics may hold good to authenticate certain drugs but some may require highly sophisticated techniques too, based on the adulterants and similarity in the chemical constituents. So it is in the hands of the researchers to choose the right method suitable for the drug of interest which reference after confirmation from the match the standard vaidhyas/practitioners. This article will address about the various common and sophisticated techniques used to authenticate drugs of plant, mineral and animal origin.

Objectives of the programme:

- > Contributing to the assessment of benefit, harm, effectiveness and risk of herbal medicines, by maintaining selection of quality drugs by proper authentication and preventing adulteration.
- > The authentication of herbal drugs and discrimination of adulterants from authentic medicinal herbs are essential for both pharmaceutical company as well as public health.
- > Limitations of chemical and morphological approaches for authentication have generated a need for newer methods in quality control of herbal formulations.
- Promotion of understanding, education and practice to identification of herbal drugs in the nature.
- > Improving public awareness and safety in relation to the use of herbal medicines.
- > Understanding of new sophisticated techniques for identification of herbal drugs from natural sources.

RESOURCE PERSON

Dr. D. Venkata Narayana, Professor,

Department of Pharmacognosy

Email: venkatanarayana1978@gmail.com, Contact number: 9110312875

Balaji College of Pharmacy, Anantapuramu.

Mr. K. Yallareddy, Associate Professor

Department of Pharmaccognosy,

Email:yallareddy777@gmail.com, Contact number: 9573064507

Jagan's college of Pharmacy, Nellore

CHIEF PATRON

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Hon. Secretary, A.E.T. Rajampeta.

PATRON

Sri C. Yella Reddy

Hon. Treasurer, A.E.T. Rajampeta

CONVENOR

Dr. D. Swarnalatha

Principal, ANCP, Rajampeta

COORDINATOR

Mrs. B. Nirmala Devi

Program Coordinator, ANCP, Rajampet

ORGANIZATION COMMITTEE

Dasari Rekha

Kola Abhinay

Mala Jaya Prakash

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Program name: AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS

Duration: 03-01-2022 TO 07-01-2022

Academic year: 2021-2022

Curriculum designed and developed by:

S.No	Faculty name	Designation	Signature
1	Dr. D. Venkata Narayana	Professor	Quy.
2	Mr. K. Yallareddy	Associate professor	(in)
3	Dr. D. Swarnalatha	Professor	Sh
3	Mrs. B. Nirmala Devi	Associate professor	13_
4	Mr. M. Madhu	Associate professor	Moory



ANNAMACHARYA COLLEGE OF PHARMACY
NEW BOYANAPALLI-516 126
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PROGRAM CURRICULUM:

Session	Title	Duration
1	Authentication of Herbal Drugs.	3hrs
2	Taxonomic method	3hrs
3	Herbarium voucher sample	3hrs
4	Macroscopic method	3hrs
5	Microscopic method	3hrs
6	Physicochemical methods	3hrs
7	Chemometric and Spectral methods	3hrs
8	Chromatographic methods	3hrs
9	Chemical Fingerprinting	3hrs
10	Molecular markers	3hrs
	TOTAL NUMBER OF HOURS	30hrs

COORDINATOR



PRINCIPAL PRINCIPAL ANNAMACHARYA COLLEGE OF PHARMACI NEW BOYANAPALLI-516 126 RAJAMPET, Kauapa Oist, A. P. ANCP

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REPORT

Name of the Program: AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS

Duration: 03-01-2022 TO 07-01-2022

Academic year: 2021-2022

Resource person details:

Dr. D. Venkata Narayana Mr. K. Yalla Reddy

Professor, Associate Professor

Department of Pharmacognosy, Department of Pharmacognosy

Balaji College of Pharmacy, Jagan's College of Pharmacy

Anantapuramu, Nellore,

Email: venkatanarayana1978@gmail.com @gmail.com Email: yallareddy777@gmail.com

Contact number: 9110312875 Contact number: 9573064507

Annamacharya College of Pharmacy, Newboyanapalli, Rajampet. Organized, an add on program on Authentication and Traceability of Medicinal Actives from Naturals for UG students by Dr. D. Venkata Narayana, Professor, Department of Pharmacognosy and Mr. K.Yallareddy, Associate Professor, Department of Pharmacognosy from 03-01-2022 TO 07-01-2022. This program was designed to educate the students about advanced information of the program in addition to regular curriculum. Totally 35 students participated in this program. Upon completion of the course the students were able to understand the following objectives and learning outcomes.

Objectives:

- > Contributing to the assessment of benefit, harm, effectiveness and risk of herbal medicines, by maintaining selection of quality drugs by proper authentication and preventing adulteration.
- > The authentication of herbal drugs and discrimination of adulterants from authentic medicinal herbs are essential for both pharmaceutical company as well as public health.
- > Limitations of chemical and morphological approaches for authentication have generated a COLICAL for newer methods in quality control of herbal formulations.
- > Promotion of understanding, education and practice to identification of herbal drugs in the

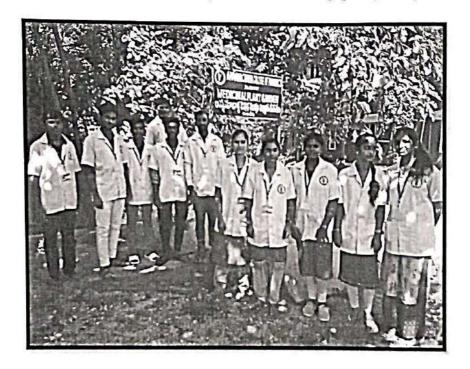
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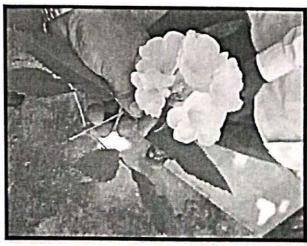
- > Improving public awareness and safety in relation to the use of herbal medicines.
- Understanding of new sophisticated techniques for identification of herbal drugs from natural sources.

Learning outcomes:

- Understand the technical procedures to identify and authenticate the herbal raw material...
- > Impart greater awareness about the quality and purity of herbal materials from natural sources.
- > Understanding the traceable techniques for maintaining quality and prevent adulteration.







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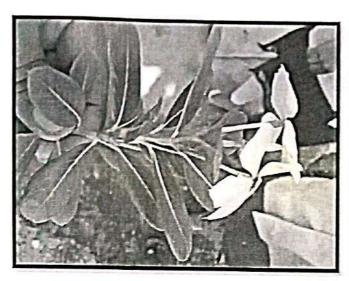
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This program was very much informative to the students and their feedback was positive about the program. The management and Dr. D. Swarna latha, Principal of Annamacharya College of Pharmacy thanked Dr. D. Venkata Narayana and Mr. K. Yalla Reddy for their efforts in providing the additional knowledge to students.



COORDINATOR

PRINCIPAL

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Program name: AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS

Schedule: 03-01-2022 TO 07-01-2022

Academic year: 2021-2022

Class: III B.Pharmacy

LIST OF STUDENTS

S.No	Reg.No	Name of the student
1.	19M71R0001	ADEPUDI CHANDU
2.	19M71R0003	BANDI MURALI MOHAN
3.	19M71R0004	BASAVARAJU VENKATA PRASASTH
4.	19M71R0005	BASIREDDYGARI NAGALAKSHMI
5.	19M71R0006	BATHINI CHANDRALEKHA
6.	19M71R0007	BHUKYA PAVAN KALYAN
7.	19M71R0008	BOBBALA MANISHA
8.	19M71R0009	BYREDDY NETHRANANDA REDDY
9.	19M71R0010	CHENCHUGONDA VIJAY KUMAR
10.	19M71R0012	CHINTHAM REDDY RAJINI
11.	19M71R0013	CHIRAMANA RAJASEKHAR
12.	19M71R0014	CHITTETI RAKESH
13.	19M71R0015	DARA PRADEEP KUMAR
14.	19M71R0016	DASARI REKHA
15.	19M71R0017	DERANGULA MALLIKA
16.	19M71R0018	DHANYASI PRIYANKA
17.	19M71R0019	DONTHIREDDY BHAVITHA
18.	19M71R0020	DOUDALA LAVANYA
19.	19M71R0021	GANDU VENKATA NARENDRA



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20.	19M71R0022	GODLAVEETI MAHENDRA
21.	19M71R0023	GORRELA JAHNAVI
22.	19M71R0024	
	19M1/1R0024	GOTLURU GEETHANJALI
23.	19M71R0025	GUDDISANJANNAGARI LAKSHMI DEVI
24.	19M71R0026	GUDIPATI MAMATHA
25.	19M71R0027	GUDISE MAHALAKSHMI
26.	19M71R0055	MANDALA HARIKA
27.	19M71R0056	MANGALI VENKATA RENU KUMAR
28.	19M71R0058	MITHIKAYALA SIREESHA
29.	19M71R0059	MUDE MAHENDRA NAIK
30.	19M71R0060	MUMMALA ARTHY
31.	19M71R0061	NAGIREDDYGARI KUMAR REDDY
32.	19M71R0062	NARLA SUPRAJA
33.	19M71R0063	PAGADALA CHANDRA SEKHAR
34.	19M71R0064	PAMISETTI SUMITHRA
35.	19M71R0065	PANIGALAPATI IAISWARYA



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Organized by

Dept. of Pharmacognosy

Certificate of completion

This is to certify that **DASARI REKHA** has successfully completed Add on program on AUTHENTICATION AND TRACEABILITY OF MEDICINAL ACTIVES FROM NATURALS, from 03-01-2022 to 07-01-2022 organised by Annamacharya College of Pharmacy, New Boyanapalli, Rajampet.

Sri. C. Gangi Reddy, Secretary, AET.

C. Loo

Dr. D. Swarnalatha, Principal, ANCP