Department of
ELECTRONICS AND COMMUNICATION ENGINEERING

A Report on
5 Days Workshop on "MATLAB Master Class for Beginners"
(14th August 2023 to 19th August 2023)

The Department of ECE successfully conducted five days workshop on **"MATLAB Master class for Beginners"** for II B.Tech students on **14th August 2023 to 19th August 2023**. The aim of this workshop is to provide an insight on importance of MATLAB in the field of communication, signal processing, audio and speech processing, so on. The workshop comprises of theoretical lectures delivered by department faculties and also live demonstration of the software and various toolboxes.

The students got an exposure to Matlab coding, Simulink, signal processing and communication toolboxes. As an outcome of the workshop, the students are able to **implement a programming code, design a block using simulink, process audio and speech signals and utilize communication tools.**

Total 31 students were registered for the workshop and participation certificate for all 31 were issued by the college.

Dr.S.REKHA and **Mrs.K.MADHAVI,** worked as Faculty Coordinators for the five day workshop.

Day-1:
The workshop was inaugurated by Dean, School of Engineering and Head of the Department, ECE in the ECE seminar hall at 9:45 am.

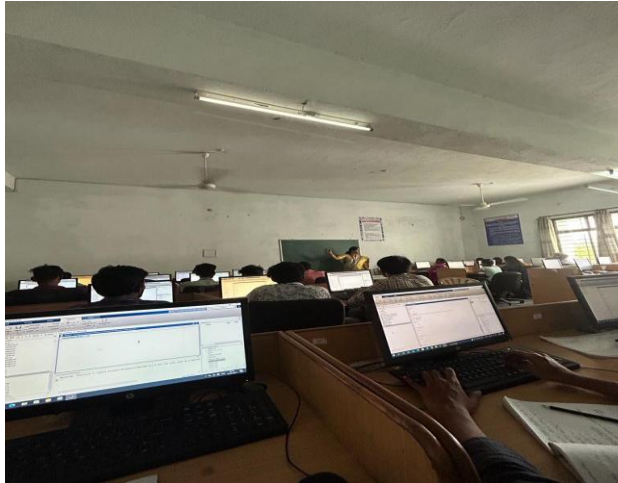DR.G. Janardhana Raju, DEAN-NNRG addressed the gathering

Dr S Ravi Chand, HoD-ECE Addressed the gathering

Dr. S. Rekha, Convener of workshop addressed the gathering

Day-1:

In the morning session, Mrs.K Madhavi as resource person delivered the "Basic concepts of MATLAB". The afternoon session is followed by hands-on training on the MATLAB coding.

Mrs. K.Madhavi, Asst. Prof. as resource person delivered the concepts of "Basics of MATLAB"
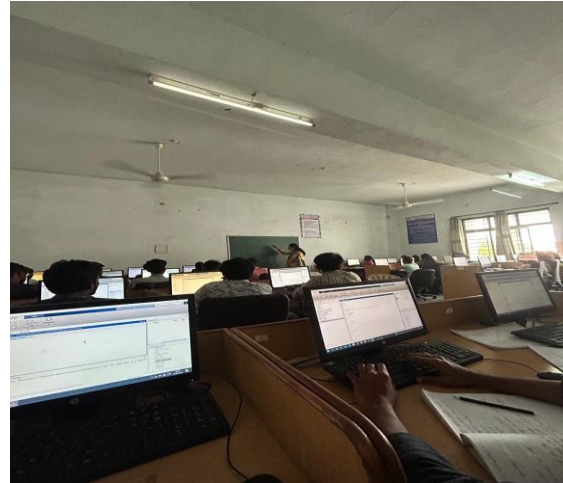
Hands-on by students about Basics of MATLAB

Day-2:

In morning session, resource person Mr. Prashanth Kulkarni delivered the theoretical session on "Communication and MATLAB Simulink".

Afternoon session, "Hand's on Implementation of MATLAB simulink and communication toolboxes".

Students Practising "MATLAB Simulink" in the Laboratory

Day-3:

In morning session, resource person Dr S Karthick delivered lecture on "Signal Processing".

In the afternoon session, implementation of coding on "Signal Processing" with hands-on.
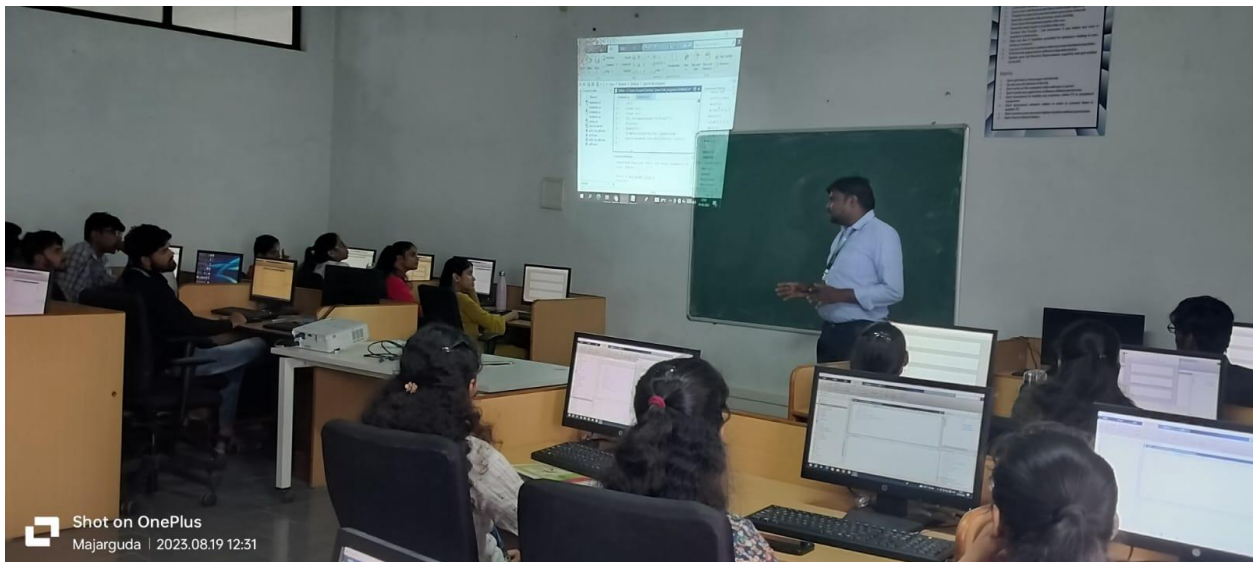

Dr S Karthick, Associate Professor of ECE, as resource person

Day-4:

In morning session, resource person Mr. B.Ravi delivered a lecture on "Speech and audio Processing using MATLAB tool".

In the afternoon session, practical implementation session is handled on "speech and audio processing".

Mr. B. Ravi delivered a lecture on "speech and audio signal processing"

Day-5:

In morning session, resource person Dr S Karthick delivered a lecture on "Signal processing toolboxes" followed by hands-on during afternoon session.

Dr.S.Karthick assisting students on "practice of signal processing toolboxes"

Finally, the workshop ended with a valedictory session, in the presence of Dean Dr. G Janardhana Raju and Head of Department Dr. S.Ravi Chand. Student participants received their certificates from the Dean.

Dr S Rekha, Convenor of the workshop, appreciated by Dean and HoD

Mrs. K Madhavi, Coordinator, appreciated by Dean and HoD

Mrs. K.Madhavi, resource person, appreciated by Dean and HoD

Dr S Karthick, resource person, appreciated by Dean and HoD

Mr. B. Ravi, resource person, appreciated by Dean and HoD

Mr. Prashanth Kulakarni, resource person, appreciated by Dean and HoD

A student receiving participation certificate from Dean and HoD

Participants of the Workshop

Workshop Participants with Dean, HOD, Convener and Faculties.

Outcomes of the Workshop:

After the completion of workshop, the students are able to
- Code a program in the MATLAB, compile, debug and visualize the output
- Model a block using MATLAB Simulink.
- Utilize communication toolboxes effectively
- Process speech and audio signals and analyze the output.

Place: Hyderabad

Date: 22/08/2023   **Convener**   **HOD-ECE**
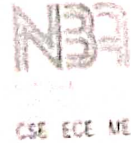
School of Management Sciences

Date: 07-06-2023

To
The Director,
NNRG,
Hyderabad.
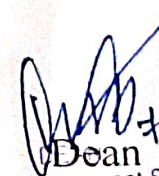
Respected Sir,

Sub: **Request - Permission to Organize certification Programme**- Reg

We are glad to inform you that School of Management Sciences is organizing a certification program for MBA II year students on "**Visualizing and analyzing Data Using TABLEAU**" in the college Campus from 12/06/2023 to 17/06/2023. In this regard kindly permit us to conduct the Program.

Thanking You

7/6/2023

Dean
School of Management Sciences
Nalla Narasimha Reddy Education Society's
Group of Institutions
Chowdariguda, Korremula X Road
Ghatkesar Mandal, Medchal Dist-500 088

DIRECTOR
Nalla Narasimha Reddy Education Society's
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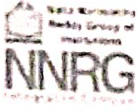
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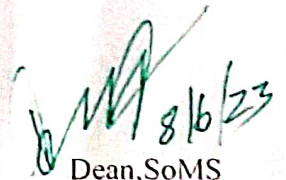
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SCHOOL OF MANAGEMENT SCIENCES

<u>CIRCULAR</u>

Date: 08/06/2023

All the MBA-II Year students are informed that the school of Management Sciences is organizing 6-days Certification Programme on **"Visualizing and Analyzing Data Using TABLEAU"** which is scheduled from **12/06/2023 to 17/06/2023**. In this regard all the MBA II year students are required to register and attend the programme without fail. For further information the students are required to follow the schedule of programme which will be displayed in the notice board and contact the program coordinator Dr. Padmaja P.

8/6/23

Dean,SoMS

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Ghatkesar Mandal, Medchal Dist-500 085

School of Management Sciences

Date: 09/06/2023

List of students enrolled for the program

S. No	H. T No	Name of the Student
1	217Z1E0001	AAKUTHOTA SAI TEJA
2	217Z1E0003	ANNAM AKHIL REDDY
3	217Z1E0004	AYYALWAR NAVANEETHA
4	217Z1E0005	BATTULA PRIYANKA
5	217Z1E0006	BOINI SRIJA
6	217Z1E0007	BOKA BHARGAV RAO
7	217Z1E0008	BURUGU AKHILA REDDY
8	217Z1E0011	DASARI MANISHA
9	217Z1E0012	DUBBARIGALLA RAJESH
10	217Z1E0014	GINNA PREMIKA
11	217Z1E0016	GUDISE ANUDEEP
12	217Z1E0017	GUGULOTH ABHINAYA
13	217Z1E0018	GUNDUMALLA SHANMUKHA SARANYA
14	217Z1E0026	KUNTA MANIJYOTHI
15	217Z1E0027	M LOKESWAR REDDY
16	217Z1E0030	MASNA SANDHYA
17	217Z1E0033	MOHAMMED SHAINAZ
18	217Z1E0035	MUSKE SRAVANTHI
19	217Z1E0036	PALVAI SRIHITHA
20	217Z1E0038	PERUMANDLA SHIVANI
21	217Z1E0043	SHAIK NEHA FARHEEN
22	217Z1E0044	SHAMAKURA RAKESH
23	217Z1E0045	SHERLA GURUPADAM
24	217Z1E0048	SURKANTI APOORVA
25	217Z1E0049	THOKALA MEGHANA
26	217Z1E0050	THOLLA ASHWINI
27	217Z1E0054	KANCHAM NAGARAJU

DEAN - SoMS
DEAN
School of Management Sciences
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CSE ECE ME

School of Management Sciences

Sl.No	Date&Day	Session	Topic	Time
1	12-06-2023 Monday	Session 1	Introduction to **Tableau** Data Cleaning, Connecting of Data	9:30 am to 12:30 pm
		Session 2		1:00 pm to 4:00 pm
2	13-06-2023 Tuesday	Session 1	Basic charts using Tableau sheets, Groups and Unions	9:30 am to 12:30 pm
		Session 2		1:00 pm to 4:00 pm
3	14-06-2023 Wednesday	Session 1	Use of Marks cards and Filters	9:30 am to 12:30 pm
		Session 2		1:00 pm to 4:00 pm
4	15-06-2023 Thursday	Session 1	Basic Calculations using formulas, and Parameters	9:30 am to 12:30 pm
		Session 2		1:00 pm to 4:00 pm
5	16-06-2023 Friday	Session 1	Use of LODs, Dual & Blended Axes Charts	9:30 am to 12:30 pm
		Session 2		1:00 pm to 4:00 pm
6	17-06-2023 Saturday	Session 1	Creating the Dashboards, Story telling	9:30 am to 12:30 pm
		Session 2		1:00 pm to 3:00 pm

Program Coordinator

DEAN-SOMS
DEAN
School of Management Sciences
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Ghatkesar Mandal, Medchal Dist-500 088

School of Management Sciences

Date: 19-06-2023

List of Qualified Students in the Program

S.No	H.T.No	Name of the Student
1	217Z1E0005	B Priyanka
2	217Z1E0006	B Srija
3	217Z1E0008	B Akhila
4	217Z1E0017	G Abhinaya
5	217Z1E0044	S Rakesh
6	217Z1E0038	P Shivani
7	217Z1E0007	B Bharghav Rao
8	217Z1E0018	G Sharanya
9	217Z1E0049	T Meghana
10	217Z1E0027	M Lokeshwar Reddy

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School of Management Sciences

Date: 19-06-2023

A Brief Report on "Visualizing and Analyzing Data Using TABLEAU"

The School of Management Sciences organized 6 days certification programme on "Visualizing and Analyzing Data using TABLEAU" from 12/06/2023 to 17/06/2023 for II year MBA students at NNRG. The Programme was started by Inauguration Session on 12/06/2023 at 9:15 AM, which was inaugurated by Dr T Ravindra Reddy, Dean, School of Management Sciences.

There were 27 students attended for the programme. Dean addressed the students regarding the importance of the programme and its uses in their career development and explained the importance of learning new technology.

Valedictory function was held on 17/06/2023 at 3:30 pm in the MBA Seminar Hall. The Program Coordinator asked the student feedback on the programme conducted, two students i.e., Akhila and Sairam shared their experience on the programme and they thanked the organizers. The Dean, SOMS congratulated all the students who are participated and the program coordinator for organizing the programme.

The Program was concluded by Vote of thanks by Sharanya, II MBA at 4:00 pm.

DEAN
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Dean - SoE

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Department of
ELECTRONICS AND COMMUNICATION ENGINEERING

A Report on
A Five day Workshop on
"Expand, Educate and Engage on aspects of the ARDUINO"
(24/07/2023 to 28/07/2023)

Department of ECE successfully conducted a five day workshop on "Expand, Educate and Engage on aspects of the ARDUINO" for II B.Tech students on 24th July to 28th July 2023. The aim of this workshop is to introduce participants to the fundamentals of electronics and programming using the Arduino platform. Through hands-on activities, participants will learn how to create and control various embeddedprojects. Ultimately, the workshop aims to inspire creativity, problem-solving, and a practical understanding of the intersection between technology and everyday life. The workshop comprises of theoretical lectures delivered by department faculty and also hands onlive demonstration of ARDUINO, PROTEUS tools for design.

The students will have an exposure to ARDUINO boards, ARDUINO IDE, PROTEUS tool for design, Execution of projects. After completion of workshop, the students will be able to **design, verify,** and **execute** the real time embedded projects for problem solving.

Total 41 students were registered for the workshop and participation certificate for all 41 were issued by the college.

Mr.K.Rambabu, Assistant Professor and **Mr.B.Saidulu, Assistant Professor** worked as Faculty Coordinators for the five day workshop.

Day-1:
The workshop was inaugurated by Head of the Department, ECE **Dr. S.Ravi Chand** and Chief Controller of Examinations, **Prof P.Sreenivas Reddy** at 10:00 am.

Dr. S. Ravi Chand,Convener, HOD-ECE addressed the gathering	Mr.K.Rambabu, Coordinator of workshop addressed the gathering	Prof. P.Sreenivas Reddy, CoE-NNRG addressed the gathering

In the morning session, **Dr.S.Ravi Chand** as resource person delivered the "**Arduino Life and its applications**" Afternoon session, "Introducing ARDUINO boards, ARDUINO IDE Installation.

Dr.S.Ravi Chand Professor. as resource person delivered the concepts of "**Arduino Life and its applications**"
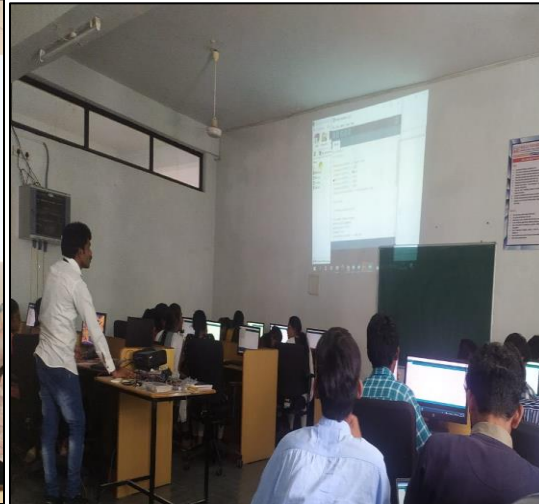
Introducing ARDUINO boards, ARDUINO IDE Installation.

Day-2:

In morning session, resource person **Mr. Suresh Nalla** delivered the theoretical session on "**Microprocessors vs Microcontrollers vs Arduino"**.

Afternoon session,resource person **Mr.K.Rambabu,**"Hand's on Session"that includes Blinking LED, Using Multiple LED's" by ARDUINO boards and IDE.

Mrs. Suresh Nalla, Asst. Prof. as resource person delivered the concepts of "Microprocessors vs Microcontrollers vs Arduino".

Hand's on session "Blinking LED, Using Multiple LED's" by ARDUINO boards and IDE"

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Day-3:

In morning session, resource person **Mr.B.Saidulu** delivered theoretical Session on "**Sensors, Actuators, Motors and Motor Drivers**".

Afternoon session,resource person **Mr.K.Rambabu,**"Hands on session,design of Real time projects by sensors, LED's.Light-Activated LED Blinking, Temperature Monitoring with LED Display.

Mr.B.Saidulu, Asst. Prof. as resource person delivered the concepts of Sensors, Actuators, Motors and Motor Drivers.

Hands on session,Light-Activated LED Blinking, Temperature Monitoring.

Day-4:

In morning session, resource person Mr.M.Sharath Chandra delivered a lecture on "ARDUINO Programming".

Afternoon session, resource person **Mr.K.Rambabu,**"Implementation of Traffic Signal, Ultrasonic Distance Measurement." Was designed by ARDUINO boards and sensors, LED's, LED Display.

Mr.M,Sharath Chandra delivered a lecture on "ARDUINO Programming"
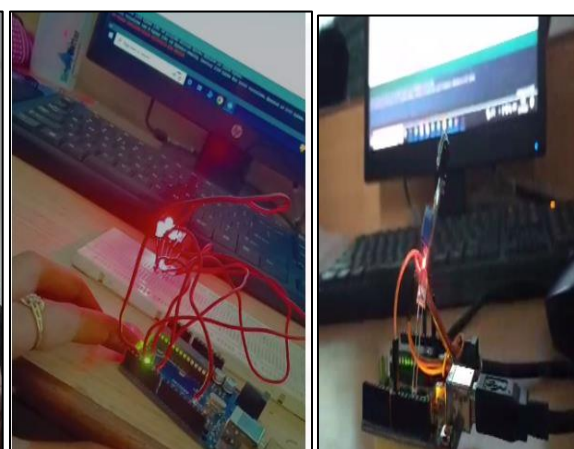
Implementation of Traffic Signal, Ultrasonic Distance Measurement.

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Day-5:

In morning session,resource person **Mr.B.Ravi** delivered a lecture on **"Introduction to Embedded IOT and PROTEUS software"**.

Afternoon session, resource person **Mr.K.Rambabu,**Hands on session toExecute all ARDUINO Projects done in day1,2,3,4 by using PROTEUS TOOL.

Mr.B.Ravi delivered a lecture on "Introductionto Embedded IOT and PROTEUS software".

Hands on session by students.

Finally, the workshop ended with a valedictory session, in the presence of Director Dr.C.V.Krishna Reddy garu, Dean School of Engineering Dr.G.Janardhana Raju garu and Head of Department Dr. S.Ravi Chand. Student participants received their certificates from the Director, Dr.C.V.Krishna Reddy and Dean School Engineering Dr.G.Janardhana Raju.

End Notes by Dean School of Engineering Dr.G.Janardhana Raju.

End Notes by Director Dr.C.V.Krishna Reddy.

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Student Participant is receiving Certificate from Director Dr. C.V. Krishna Reddy.

Student Participant is receiving Certificate from Dean School of Engineering Dr. G.Janardhana Raju.

End Notes by Convenor&HOD-ECE,Dr.S.Ravi Chand.

Vote of Thanks by workshop Coordinator Mr.B.Saidulu.

Workshop Participants with Convener &HOD, Coordinators and Faculty.

Convener&HOD of Workshop with his team

Outcomes of the Workshop:

During this intensive 5-day workshop, participants will develop a strong foundational understanding of electronics and microcontrollers, gaining the ability to proficiently write and execute code for hardware control. Through hands-on projects, attendees will learn to integrate a variety of sensors and actuators, transforming theoretical knowledge into practical applications. The workshop will foster critical thinking and creative problem-solving as participants tackle challenges, collaborate on group projects, and explore innovative uses of technology. By the end, participants will emerge with enhanced confidence in electronics and programming, equipped with a portfolio of diverse projects that highlight their newfound skills in project realization, teamwork, and effective communication.

Place: Hyderabad

Date: 31/07/2023

Coordinator

HEAD OF THE DEPARTMENT
Electronics & Communication Engineering
HOD-ECE

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Department of
ELECTRONICS AND COMMUNICATION ENGINEERING

A Report on
5 Day Workshop on Automation of Digital Logics Using HDL's
(18th July to 22nd July 2023)

Department of ECE successfully conducted a five day workshop on **"Automation of Digital Logics Using HDL's"** for II B.Tech students on **18th July to 22nd July 2023**. The aim of this workshop is to provide an insight on basics of digital logic designs which are used for Digital VLSI design using the Verilog HDLs. The workshop comprises of theoretical lectures delivered by department faculty and also hands on live demonstration of EDA tools for digital design.

The students will have an exposure to Artix-7 FPGA, Zynq-7000 SoC, Xilinx Vivado ML Enterprise tool for digital design, verification and synthesis. After completion of workshop, the students will be able to **design, verify,** and **synthesize** the digital circuits using HDLs and advanced FPGAs.

Total 35 students were registered for the workshop and participation certificate for all 35 were issued by the college.

Dr. B. HariPrasad Naik and **Mr. A. Aravind,** worked as Faculty Coordinators for the five day workshop.

Day-1:
The workshop was inaugurated by Dean, School of Engineering and Head of the Department, ECE at 10 am.

Dr. S. Ravi Chand, HOD-ECE addressed the gathering

Dr. B. Hari Prasad Naik, Convener of workshop addressed the gathering

Prof. P.S. Sreenivas Reddy, CoE-NNRG addressed the gathering

In the morning session, Mr. A.Aravind as resource person delivered the "Basic concepts of Modeling the Digital Circuits". Afternoon session, "Implementation of Basic Digital Logics was performed using Verilog HDL" in Xilinx Vivado.

Mr. A. Aravind, Asst. Prof. as resource person delivered the concepts of "Basic concepts of Modeling the Digital Circuits"

Implementation of Digital Circuits is done in Verilog HDL using Xilinx Vivado Simulation tool.

Day-2:

In morning session, resource person N.Lavanya delivered the theoretical session on "Design of combinational logic circuits with applications".

Afternoon session, "Hand's on Implementation of Combinational Logic Circuits" such as full adder, decoder and encoder was performed using Xilinx Vivado in Verilog HDL"

Mrs. N. Lavanya, Asst. Prof. as resource person delivered the concepts of "Design of combinational logic circuits with applications".

"Hand's on Implementation of Combinational Logic Circuits"

Day-3:

In morning session, resource person A.Aravind delivered theoretical design lecture on "Sequential logic circuits".

Afternoon session, implementation of "Sequential Logic Circuits" such as flip-flops, counter and shift register is performed using Xilinx Vivado in Verilog HDL".

Hands on implementation of "Sequential Logic Circuits"

Day-4:

In morning session, resource person Dr.V.Sravan Kumar delivered a lecture on "Artix-7 FPGA development board and Zynq-7000 series SoC boards" descriptions.

Afternoon session, "Implementation of Adder-Compressor Block Design" was performed using Xilinx Vivado on the target Artix-7 FPGA and Zynq-7000 series SoC boards.
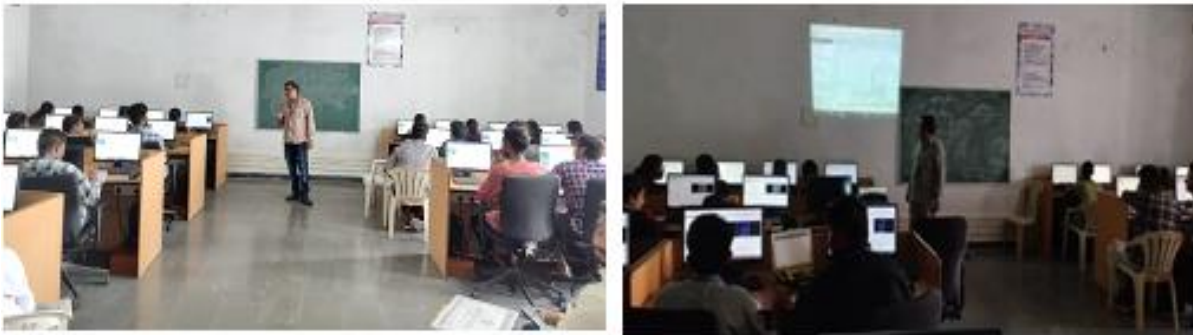
Dr.V.Sravan Kumar delivered a lecture on "Artix-7 FPGA development board and Zynq-7000 series SoC boards"

Day-5:

In morning session, resource person Dr.B.HariPrasad Naik delivered a lecture on "Automation of Digital Logics using IP Cores" on the target Artix-7 FPGA and Zynq-7000 series SoC boards".

Dr.B.HariPrasad Naik delivered a lecture on "Automation of Digital Logics using IP Cores"

Finally, the workshop ended with a valedictory session, in the presence of Director Dr.C.V.Krishna Reddy garu and Head of Department Dr. S.Ravi Chand. Student participants received their certificates from the Director, Dr.C.V.Krishna Reddy.

Workshop Participants with HOD, Convener and Faculty

Workshop Participants with Director,HOD, Convener and Faculty

Student Participant is receiving Certificate from Director Dr. C.V. Krishna Reddy .

Converner of workshop Dr. B. Hari Prasad Naik is receiving Appredciation Certificate from the Director Dr. C. V. Krishna Reddy.

Convener of Workshop with his team

HOD-ECE with Convener of Workshop and team

Workshop Participants with HOD, Convener and Faculty.

Outcome's of the Workshop:

After the completion of workshop, the students were able to

- Understand the basic modeling of digital logic design.
- Design the various digital logics using the Verilog HDL.
- Implement and verify the digital logics using IP cores on advanced FPGA's.

Place: Hyderabad

Date: 25/07/2023

Convener

HOD-ECE

NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)
NNRG
Integrated Campus
Nalla Narasimha Reddy Group of Institutions
EAMCET/ ICET/ PGECET Code   NNRG

DEPARTMENT OF
ELECTRONIC & COMMUNICATION ENGINEERING

A Report on

A 5 Day Workshop on Digital VLSI Design Flow Using Xilinx Vivado

(06th February to 10th February 2023)

Department of ECE successfully conducted 5 day workshop on "Digital VLSI Design Flow Using Xilinx Vivado" for 4th B.Tech students from 06th February to 10th February 2023. The objective of this workshop is to provide an overview on Xilinx Vivado ML Enterprise Edition tools for Digital VLSI design using Verilog HDL. The workshop is a live demonstration of Vivado tools by Mr. Pradeep John as resource person from Apply-Volt.

The participants will have exposure to the state-of-the-art VLSI design &FPGA tools for modeling the integrated circuits. At the end of this workshop, the participants will be able to design, verification, implementation and validation of various digital hardware logic blocks.

Total 25 students and 5 faculty members were registered for the workshop and participation certificates for all 30 issued by the department.

Faculty Coordinators: Dr.B. HariPrasad Naik &   Mr. A. Aravind

Day-1:

After inaugural session, Director and Head of the Department addressed the faculty and student participants about the importance of workshop and the use of latest Xilinx Vivado tool for designing the hardware logical blocks.

Resource person from Apply Volt, gave a brief overview on various design abstractions such as gate level, data flow and behavioral using Verilog HDL programming.

Day-2:

The day started with the design and implementation of basic logic gates in Xilinx Vivado tool. Different levels of design abstractions such as structural, data-flow and behavioral models were implemented using Verilog HDL in Vivado. Further, the design procedure for synthesizing the hardware designs was explained.

Afternoon session, a complete hands-on session was conducted for writing a test bench program using Verilog HDL. These test bench programs enable the designer to test or simulate the designed hardware logics.

Day-3:

On day three, concept of multiplexers, decoders, encoders, Adders, Multipliers, and their applications in VLSI design was explained in detail.

Afternoon, a hands-on session was conducted for designing, implementation, synthesis, and verification of hardware sub-systems such as encoders, multiplexers, decoders, adders, and using Xilinx Vivado tool. Realization of a hardware on Xilinx Artix-7 FPGA development board was also demonstrated.

Day-4:

On fourth day, the design procedure for designing a higher order systems such as 64-bit Adder and Subtractor with the concept of VIO (Virtual Input and Output) and ILA(Integrated Logic Analyzer) was explained with an example.

Afternoon, a complete session for hardware realization on Zynq-7000 SoC development board was also demonstrated using Xilinx Vivado tool.

Day-5:

On fifth day; concept and usage of Intellectual Propert (IP) Cores for designing a complex hardware with VIO and ILA using Xilinx Vivado was explained with an example.

In the valedictory session, speakers were facilitated and a vote of thanks was presented by workshop coordinator. Workshop certificates were provided to the participants.

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Reddy Group of
Institutions

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NAAC
A+

NBA
NATIONAL BOARD
of ACCREDITATION
CSE ECE

UGC
AUTONOMOUS

EAMCET/ ICET/ PGECET Code   NNRG

Glimpse of the Workshop:
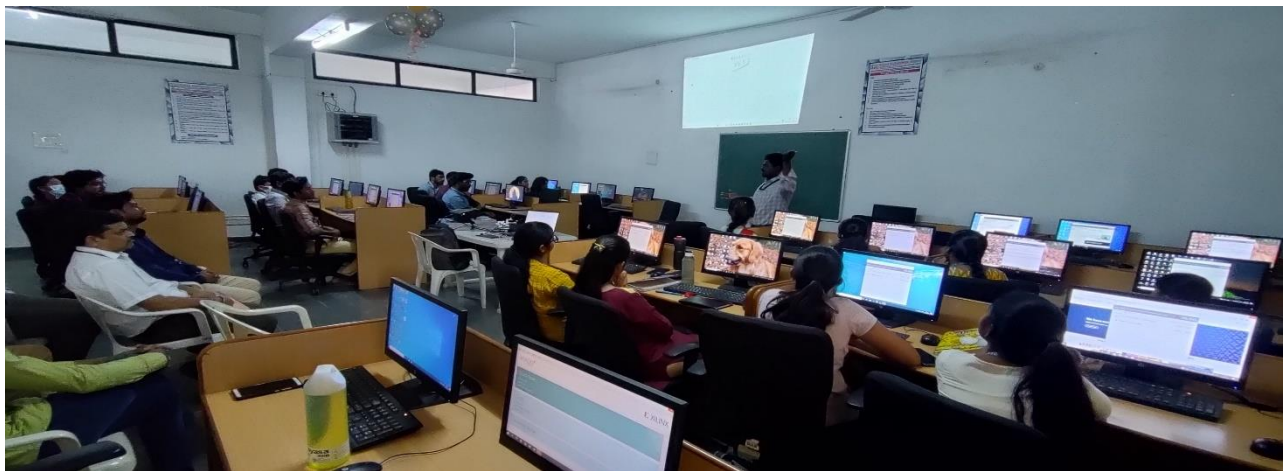
Nalla Narasimha Reddy Education Society's Group of Institutions
Integrated Campus - School of Engineering
(Autonomous)
Department of ECE

A Report on

One Week Workshop on Hands-On Training in VLSI Design

(17th October to 22nd October 2022)

Department of ECE successfully conducted one week workshop on hand-on training in VLSI Design for 4th B.Tech students on 17th October to 22nd October 2022. The aim of this workshop is to provide an overview on EDA tools for VLSI design to the participants. The workshop will comprise of live demonstration of tools and lectures delivered by Department faculty on platforms like Xilinx Vivado and Cadence Virtuoso.

The participants will have exposure to the state-of-the-art semiconductor devices to circuit modeling and integrated applications. After finishing this workshop, the participants will be able to execute the various analysis needed to characterize devices and circuits individually.

Total 40 students were registered for the workshop and participation certificate for all 40 issued by college.

Dr. Rajasekhar Turaka and Dr. Hariprasad Naik worked as Faculty Coordinators for the workshop.

Day-1:

After inaugural session Head of the Department addressed the gathering about the one-week workshop on hand-on training in VLSI Design.

Dr. Rajasekhar Turaka briefed out concepts such as VLSI design Technology, ASIC/FPGA design flow and architectural level optimization techniques such as pipelining, parallelism and retying. Post lunch session was hands-on Verilog HDL programming.

Day-2:

The day started with the concept of Adders, Multipliers and its applications in VLSI Design. After a small tea break, he explained the design procedure of 64-bit Adder & Subtractor with an example. Afternoon complete session was hands on training on Xilinx Vivado tool.

Day-3:

Third day was very interesting research issues in VLSI Design domain were discussed and after a small tea break, explained the design of 64-bit Vedic Multiplier and 64-bit Vedic Multiply and Accumulate (MAC) based on Vedic mathematics. Afternoon session was hands on training on design of 64-bit Arithmetic Logic Unit (ALU) using Verilog HDL and implemented on Xilinx Artix-7 board.

Day-4:

This day discussion was all about Back-end VLSI Design and CMOS Transistor level designs from scratch. After lunch, he explained the design procedure of basic CMOS circuits such as Inverter, 2-input NAND and NOR in Cadence Virtuoso tool.

Day-5:

The fifth day forenoon session was started with design of various Full Adders and also discussed about delay and power calculations. After lunch, hands on practice on the design of 14T Full Adder.

Day-6:

Day 6 talk was on the concepts of Array Multipliers in forenoon session and afternoon session various case studies were discussed.

In the valedictory session speakers were facilitated and a vote of thanks was presented by workshop coordinator.

Glimpse of the Workshop:

A Report on

One Week Workshop on Hands-on Training in Digital Signal Processor and Digital Image Processing using MATLAB

(17th October to 22nd October 2022)

Department of ECE successfully conducted one week workshop on hands-on training in Digital Signal Processor and Digital Image Processing using MATLAB for 4th B.Tech students on 17th October to 22nd October 2022. The aim of this workshop is to implement digital signal processing applications like design of FIR filter, generation of tones etc., in digital signal processor (TMS320C6713 DSK) using Code Composer Studio and implementation of digital image processing applications like pixel connectivity, image transforms, image enhancement etc., using MATLAB. The workshop will comprise of live demonstration of tools and lectures delivered by Department faculty on platforms like MATLAB and Code Composer Studio.

The participants will have exposure to the state-of-the-art digital signal processors and image processing applications in MATLAB. After finishing this workshop, the participants will be able to design and implement digital signal processing applications like FIR filter in DSP processors and digital image processing applications like image compression in MATLAB.

Total 40 students were registered for the workshop and participation certificate for all 40 issued by college.

Dr. Sravankumar Vittapu and Dr. S. Karthick worked as Faculty Coordinators for the workshop.

Day-1:

After inaugural session Head of the Department addressed the gathering about the one-week workshop on hand-on training in Digital Signal Processor and Digital Image Processing using MATLAB.

Dr. S. Karthick briefed out features of TMS320C6713 digital signal processor (DSP) and DSP starter kit (DSK). Post lunch session was hands-on in Code Composer Studio.

Day-2:

The day started with the concept of generation of tones in digital signal processing using MATLAB. After a small tea break, he explained the generation of tones in TMS320C6713 DSK. Afternoon complete session was hands-on training on generation of tones in TMS320C6713 DSK.

Day-3:

Third day was started with the concept of filter designs in digital signal processing using MATLAB and after a small tea break, explained the design and implementation of FIR and IIR filters in TMS320C6713 DSK. Afternoon session was hands-on training on design and implementation of FIR and IIR filters in TMS320C6713 DSK.

Day-4:

This day Dr. Sravankumar Vittapu started discussion was all about pixel connectivity like 4-adjacency, 8-adjacency, m-adjacency and image transforms from scratch in MATLAB. After lunch, hands-on practice on the implementation of aforementioned topics in MATLAB.

Day-5:

The fifth day forenoon session was started with implementation of image enhancement filters like smoothing and sharpening filters, image restoration filters like mean, median, max and min filters respectively are implemented in MATLAB. After lunch, hands-on practice on the implementation of aforementioned topics in MATLAB.

Day-6:

In day 6, implementation of image compression using discrete cosine transform, image segmentation techniques are implemented in MATLAB. After lunch, hands-on practice on the implementation of aforementioned topics in MATLAB.

In the valedictory session speakers were facilitated and a vote of thanks was presented by workshop coordinator.

Glimpse of the Workshop:

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
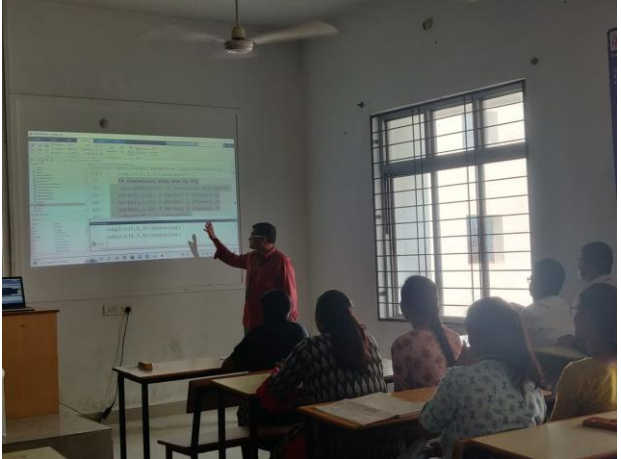
NNRG/SOE/CSE/Certificate Program/2022-23/001   **Date: 01-09-2022**

To

The Director

NNRESGI- Integrated Campus

CHOWDARIGUDA

Sub: Request for organizing a certificate Program – Reg...

***

Respected Sir,

Department of Computer Science and Engineering is planning to organize a twelve Day certificate program on **"AWS Certified Cloud Practitioner"** from 19/09/2022 to 01/10/2022 for **III Year** CSE students. In this connection, I do hereby request you to instruct the concerned authority to facilitate necessary services to conduct the six day certificate program smoothly and successfully.

Hence I humbly request you to accord the permission. I hope you could consider my sincere appeal for which I can be utmost grateful.

Yours faithfully

Dr.K.Rameshwaraiah

HEAD-CSE

Head of the Department
Computer Science & Engineering
Nalla Narasimha Reddy Education Society's
Group of Institutions-Integrated Campus
Chowdariguda (Vill), Ghatkesar (Mdl) Medchal Dist.-500 0##

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NNRG/SOE/CSE/Certificate Program/2022-23/001   **Date: 06-09-2022**

CIRCULAR

All the III year CSE students are hereby informed that a twelve day certificate programme is scheduled on "**AWS Certified Cloud Practitioner**" from 19/09/2022 to 01/10/2022. Hence, all the students interested are hereby informed to register their names and attend the certificate programme on or before 15/09/2022.

6/9/22

HEAD-CSE

Head of the Department
Computer Science & Engineering
Nalla Narasimha Reddy Education Society -
Group of Institutions-Integrated Campus
Chowdariguda (Vill), Ghatkesar (Mdl), Medchal r   700 088

INVITATION

You are cordially invited for the inaugural function of

A CERTIFICATE PROGRAM
On

AWS Certified Cloud Practitioner

Organized by

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Chief Guests
Mr. K. A. Vijayan
Head Project Implementation,
Mr. B. Gopal Reddy
Head TS & AP, ICT Academy

Has kindly consented to be the Guest of Honor

Dr K. Rameshwaraiah, Professor & HoD,
Dept of CSE will grace the occasion

Mrs. Ch. Ramya, Asst. Professor
Program Coordinator will preside over the function

Venue: Computer Center III and IV
Date : 19-09-2022
Time : 9:30 AM

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course Content

Cloud Concepts Overview

- Introduction to cloud computing
- Advantages of cloud computing
- Introduction to Amazon Web Services (AWS)
- Moving to the AWS Cloud – The AWS Cloud Adoption Framework (AWS CAF)

Cloud Economics and Billing

- Fundamentals of pricing
- Total Cost of Ownership
- Billing
- Technical support

AWS Global Infrastructure Overview

- AWS Global Infrastructure
- AWS services and service category overview

AWS Cloud Security AWS shared responsibility model

- AWS Identity and Access Management (IAM)
- Securing a new AWS account
- Securing accounts
- Securing data on AWS
- Working to ensure compliance

Networking and Content Delivery

- Networking basics
- Amazon VPC
- VPC networking
- VPC security
- Amazon Route 53
- Amazon Cloud Front

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Compute

- Compute services overview
- Amazon EC2
- Amazon EC2 cost optimization
- Container services
- Introduction to AWS Lambda
- Introduction to AWS Elastic Beanstalk

Storage

- Amazon Elastic Block Store (Amazon EBS)
- Amazon Simple Storage Service (Amazon S3)
- Amazon Elastic File System (Amazon EFS)
- Amazon Simple Storage Service Glacier

Databases

- Amazon Relational Database Service (Amazon RDS)
- Amazon DynamoDB
- Amazon Redshift
- Amazon Aurora

Cloud Architecture

- AWS Well-Architected Framework
- Reliability and availability
- AWS Trusted Advisor

Automatic Scaling and Monitoring

- Elastic Load Balancing
- Amazon CloudWatch
- Amazon EC2 Auto Scaling

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Program Schedule
A twelve day certificate programme on
"AWS Certified Cloud Practitioner"
19th Sep to 01st Oct 2022

Honeywell		AWS CLF		ICTACADEMY
S.No	**Chapter**	**PlanCode**	**Subtopic**	**Methodology**	**Duration**

S.No	Chapter	PlanCode	Subtopic	Methodology	Duration
			Stage 1		
1	Cloud Concepts Overview	Cloud Concepts Overview	Introduction to cloud computing	Discussion,Lecture	1
			Advantages of cloud computing	Discussion,Lecture	1
			Introduction to Amazon Web Services (AWS)	Discussion,Lecture	1
			Moving to the AWS Cloud – The AWS Cloud Adoption Framework (AWS CAF)	Discussion,Lecture	1
		Revision			0.5
2	Cloud Economics and Billing	Cloud Economics and Billing	Fundamentals of pricing	Discussion,Lecture	1
			Total Cost of Ownership	Discussion,Lecture	1
			Billing	Discussion,Lecture	1
			Technical support	Discussion,Lecture	1
		Revision			0.5
3	AWS Global Infrastructure Overview	AWS Global Infrastructure Overview	AWS Global Infrastructure	Discussion,Lecture	2
			AWS services and service category overview	Discussion,Lecture	1
		Revision			0.5
4	AWS Cloud Security	AWS Cloud Security	AWS shared responsibility model	Discussion,Lecture	2
			AWS Identity and Access Management (IAM)	Discussion,Lecture, Hands on	3
			Securing a new AWS account	Discussion,Lecture	1
			Securing accounts	Discussion,Lecture	1
			Securing data on AWS	Discussion,Lecture	1
			Working to ensure compliance	Discussion,Lecture	1
		Revision			0.5
		Questions Discussion			2
		Assessment			1
			Stage 2		
5	Networking and Content Delivery	Networking and Content Delivery	Networking basics	Discussion,Lecture	1
			Amazon VPC	Discussion,Lecture, Hands on	3
			VPC networking	Discussion,Lecture	1
			VPC security	Discussion,Lecture	1
			Amazon Route 53	Discussion,Lecture	1
			Amazon CloudFront	Discussion,Lecture	1
		Revision			1
6	Compute	Compute	Compute services overview	Discussion,Lecture	1
			Amazon EC2	Discussion,Lecture, Hands on	2
			Amazon EC2 cost optimization	Discussion,Lecture	1
			Container services	Discussion,Lecture	1
			Introduction to AWS Lambda	Discussion,Lecture	1
			Introduction to AWS Elastic Beanstalk	Discussion,Lecture	1
		Revision			0.5
7	Storage	Storage	Amazon Elastic Block Store (Amazon EBS)	Discussion,Lecture, Hands on	2
			Amazon Simple Storage Service (Amazon S3)	Discussion,Lecture	1
			Amazon Elastic File System (Amazon EFS)	Discussion,Lecture	1
			Amazon Simple Storage Service Glacier	Discussion,Lecture	1
		Revision			0.5
		Questions Discussion			2
		Assessment			1

S.No	Chapter	PlanCode	Subtopic	Methodology	Duration
Stage 3					
8	Databases	Databases	Amazon Relational Database Service (Amazon RDS)	Discussion,Lecture, Hands on	3
			Amazon DynamoDB	Discussion,Lecture	2
			Amazon Redshift	Discussion,Lecture	1
			Amazon Aurora	Discussion,Lecture	1
		Revision			1
9	Cloud Architecture	Cloud Architecture	AWS Well-Architected Framework	Discussion,Lecture	2
			Reliability and availability	Discussion,Lecture	1
			AWS Trusted Advisor	Discussion,Lecture	1
		Revision			0.5
10	Automatic Scaling and Monitoring	Automatic Scaling and Monitoring	Elastic Load Balancing	Discussion,Lecture, Hands on	4
			Amazon CloudWatch	Discussion,Lecture	3
			Amazon EC2 Auto Scaling	Discussion,Lecture	2
		Revision			0.5
		Questions Discussion			2
		Assessment			1
Stage 4					
	Revision - 1	Full course			3
	Question Discussion - 1	Full course			3
	Assessment - 1	Full course			2
	Revision - 2	Full course			3
	Question Discussion - 2	Full course			3
	Assessment - 2	Full course			2
	Revision - 3	Full course			3
	Question Discussion - 3	Full course			4
	Assessment - 3	Full course			2

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SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date:19-09-2022

Year: III

Certificate Program: AWS Certified Cloud Practitioner

STUDENT LIST

S.No.	Name of the Student
1	BAGULA DIVYA
2	DAVULURI ANKITHA
3	BEZAWADA GEETA SREE
4	DUMPALA SUPRAJA
5	CHILLUKAMARI RAMYA
6	BANGARU SRUJANA
7	DONGOLU NAVYA
8	DUDDILLA VAISHNAVI
9	BHOOMIKA MACHA
10	BUDAM CHANDINI
11	D SANJANA
12	AMRUTHAM PREETHI
13	BELLI ANUSHA SREE
14	D SINDHUJA
15	ELURI SUDHA
16	ALAM K SATHYA CHOWDARY
17	MADDELA SREEJA
18	GUMMALLA JAHNAVI
19	GOPALA CHANDANA
20	NAKKA AKANKSHA
21	KOTHA JAYASREE
22	GATTU SHIVANI
23	MUDUGU RICHIE SHEETAL
24	JOGU DIVYA
25	NALABOLU MADHURI
26	MALLAPU SAI RISHITHA
27	GUJJARI.SUPRIYA
28	KASHAM MALINI
29	MANSHIKA CHAKRAVARTHY
30	MANNE ANUSHA
31	JAIDI SEVIKA
32	M.KRITHIKA

33	M.RAMYA SRIYA
34	GOLLAPALLY HARIPRIYA
35	KOLA MANASA
36	KOTHA SHISHIRA REDDY
37	PANDUGA PAVITHRA
38	SANDEPALLY MYTHILI
39	SURAM SHRUTHI
40	VALIPI REDDY KONDAREDDY GOUTHAMI
41	K RITHIKA
42	R DIVYA VARMA
43	PINGILI SAIDIVYA
44	SHIVAMPETA VAISHNAVI
45	SIDDIRALA JANAKI
46	SANJANNAGARI PAVANI
47	PEDDIREDDY BHUVANASIRI
48	RAHIL SHAIK
49	VELLANKI SAI PRATHYUSHA
50	POTHULA POOJITHA
51	NERELLA DEEPIKA
52	TELLA RAJASREE
53	PALEPU REETHIKA
54	T.SAHITHYA
55	SUDUGU SHWETHA
56	FARHA PARVEEN
57	DORNALA LAXMIPRASANNA

FACULTY INCHARGE   **HEAD-CSE**

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SCHOOL OF ENGINEERING

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FEEDBACK FORM

Name of the Certificate: AWS Certified Cloud Practitioner **Date: 01-10-2022**

Name of the Resource person: Mr. Mandar Bhalekar ; Mr. Siddiq Pasha, AWS Trainer CloudThat.

A. Content	1	2	3	4
Covered Concepts				✓
Hands on Experience				✓
Well organized				✓
Covered real-time examples				✓
B. Presentation				
Instructor's knowledge				✓
Instructor's presentation skills				✓
Supplied Required Software's				✓
Instructor's responded to questions				✓
Instructor facilitated interactions among participants well				✓

C. How could you rate the workshop?

[ ] POOR   [ ] FAIR   [ ] GOOD   [✓] EXCELLENT

D. Any other comments or suggestions?

Excellent, Need such upgraded technologies & hand on in future.

Note: 1- Poor   2- Average   3- Good   4-Excellent

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FEEDBACK FORM

Name of the Certificate: AWS Certified Cloud Practitioner   **Date: 01-10-2022**

Name of the Resource person: Mr. Mandar Bhalekar , Mr. Siddiq Pasha, AWS Trainer CloudThat.

A. Content	1	2	3	4
Covered Concepts	✓			✓
Hands on Experience		✓		✓
Well organized			✓	
Covered real-time examples			✓	
B. Presentation				
Instructor's knowledge				✓
Instructor's presentation skills			✓	
Supplied Required Software's				✓
Instructor's responded to questions				✓
Instructor facilitated interactions among participants well			✓	

C. How could you rate the workshop?
[ ] POOR   [ ] FAIR   [✓] GOOD   [ ] EXCELLENT

D. Any other comments or suggestions?

Good, Need more real-time examples.

Note: 1- Poor   2- Average   3- Good   4-Excellent

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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FEEDBACK FORM

Name of the Certificate: AWS Certified Cloud Practitioner   **Date: 01-10-2022**

Name of the Resource person: Mr. Mandar Bhalekar , Mr. Siddiq Pasha, AWS Trainer CloudThat.

A. Content	1	2	3	4
Covered Concepts				✓
Hands on Experience				✓
Well organized				✓
Covered real-time examples				✓
B. Presentation				
Instructor's knowledge				✓
Instructor's presentation skills				✓
Supplied Required Software's				✓
Instructor's responded to questions			✓	
Instructor facilitated interactions among participants well				✓

C. How could you rate the workshop?
[ ] POOR   [ ] FAIR   [ ] GOOD   [✓] EXCELLENT

D. Any other comments or suggestions?

Instructor's have responded to all the Queries and provided good knowledge.

Note: 1- Poor   2- Average   3- Good   4-Excellent

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SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FEEDBACK FORM

Name of the Certificate: AWS Certified Cloud Practitioner **Date: 01-10-2022**

Name of the Resource person: Mr. Mandar Bhalekar , Mr. Siddiq Pasha, AWS Trainer CloudThat.

A. Content	1	2	3	4
Covered Concepts			✓	
Hands on Experience				✓
Well organized				✓
Covered real-time examples			✓	
B. Presentation				
Instructor's knowledge				✓
Instructor's presentation skills				✓
Supplied Required Software's				✓
Instructor's responded to questions				✓
Instructor facilitated interactions among participants well			✓	

C. How could you rate the workshop?
[ ] POOR   [ ] FAIR   [✓] GOOD   [ ] EXCELLENT

D. Any other comments or suggestions?

Need more partical sessions

Note: 1- Poor   2- Average   3- Good   4-Excellent

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CERTIFICATE OF RECOGNITION

This is to certify that

ALAM K SATHYA CHOWDARY

has successfully completed the course on AWS Certified Cloud Practitioner (CLF-C01)

with Grade **B** under Honeywell Student Empowerment Program held from 19 Sep 2022 to 03 Oct 2022

at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad, Telangana

C.No: G-2023-W2574-0036 | Date: 03 Oct 2022

Pooja Thakran,
Sr. Director – Corporate Communications &
CSR, Honeywell

Hari Balachandran
Chief Executive Officer, ICT Academy

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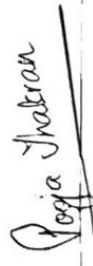
CERTIFICATE OF RECOGNITION

This is to certify that

AMRUTHAM PREETHI

has successfully completed the course on AWS Certified Cloud Practitioner (CLF-C01)

with Grade **B** under Honeywell Student Empowerment Program held from 19 Sep 2022 to 03 Oct 2022

at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad, Telangana

C.No: G-2023-W2574-0037 I Date: 03 Oct 2022

Pooja Thakran,
Sr. Director - Corporate Communications & CSR, Honeywell

Hari Balachandran
Chief Executive Officer, ICT Academy

A CSR initiative sponsored by

Implemented by

Honeywell

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Student Empowerment Program
Sponsored by Honeywell

CERTIFICATE OF RECOGNITION

This is to certify that

BAGULA DIVYA

has successfully completed the course on AWS Certified Cloud Practitioner (CLF-C01)

with Grade **D** under Honeywell Student Empowerment Program held from 19 Sep 2022 to 03 Oct 2022

at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad, Telangana

C.No: G-2023-W2574-0037 I Date: 03 Oct 2022

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CSR, Honeywell

Hari Balachandran
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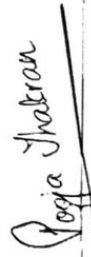
CERTIFICATE OF PARTICIPATION

This is to certify that
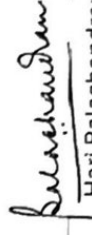
BELLI ANUSHASREE

has successfully participated in the course on AWS Certified Cloud Practitioner (CLF-C01)

under Honeywell Student Empowerment Program held from 19 Sep 2022 to 03 Oct 2022

at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad, Telangana

C.No: P-2023-W2574-004 I Date: 03 Oct 2022

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CSR, Honeywell

Hari Balachandran
Chief Executive Officer, ICT Academy

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SEP
Student Empowerment Program

Sponsored by Honeywell

CERTIFICATE OF RECOGNITION

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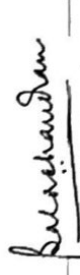
BEZAWADA GEETA SREE

has successfully completed the course on AWS Certified Cloud Practitioner (CLF-C01)

with Grade **B** under Honeywell Student Empowerment Program held from 19 Sep 2022 to 03 Oct 2022

at Nalla Narsimha Reddy Education Society's Group of Institutions, Hyderabad, Telangana

C.No: G-2023-W2574-0038 I Date: 03 Oct 2022

Pooja Thakran,
Sr. Director - Corporate Communications &
CSR, Honeywell

Hari Balachandran
Chief Executive Officer, ICT Academy

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 10-10-2022

Academic Year: 2022-2023

Activity: Certification Program on **"AWS Certified Cloud Practitioner (CLF-C01)"**

Consolidated Report

As per the schedule in the department's academic plan, a Certification Program on **"AWS Certified Cloud Practitioner (CLF-C01)"** was conducted from **19-09-2022** to **01-10-2022** exclusively for Girls a total of 110 students of IV – CSE (57) & ECE (53) under **"Center of Excellence for Women Empowerment"**, the program was conducted for **100 hours** which are Sponsored by Honeywell and implemented by ICT Academy. **Mr. Mandar Bhalekar and Mr. Siddiq Pasha – AWS Trainer CloudThat & AWS Certified** are the resource persons for the certification program.

Day 1 (19-09-2022): Started at 09:30 AM with a Cloud Concepts Overview – Introduction to cloud computing, Advantages of Cloud Computing, and Introduction to Amazon Web Services (AWS).

Inauguration of **"CENTER OF EXCELLENCE FOR WOMEN EMPOWERMENT"** from **02:00 PM** to **03:15 PM** with an Inaugural Speakers Sri. Nalla Narasimha Reddy - Chairman, Nalla Prashanth - Vice Chairman, Dr. C. V. Krishna Reddy – Director, Dr. G. Janardhana Raju – Dean SOE, Dr. K. Rameshwaraiah – Head CSE, Mr. K. A. Vijayan – Head – Project Implementation, ICT Academy and Mr. B. Gopal Reddy – Head TS & AP, ICT Academy. All the speakers have given a glimpse of and importance of the AWS Cloud Practitioner course and certification in our day-to-day life.

Trainers continued with the topic of Moving to the AWS Cloud – The AWS Cloud Adoption Framework (AWS CAF) followed by Revision of Topics.

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Inauguration of
CENTER OF EXCELLENCE FOR

WOMEN EMPOWERMENT

19 Sep 2022
02:00 pm - 03:15 pm

Hosted by **NNRG**

— INAUGURAL SPEAKERS —

www.ictacademy.in/honeywell

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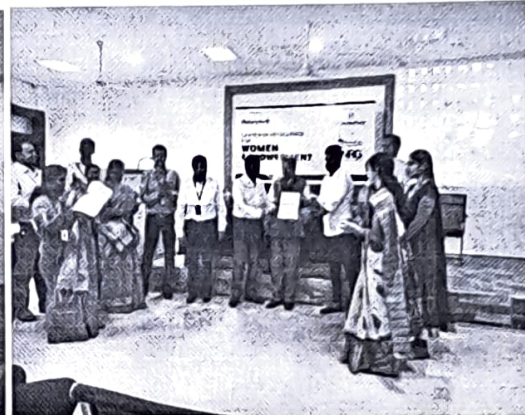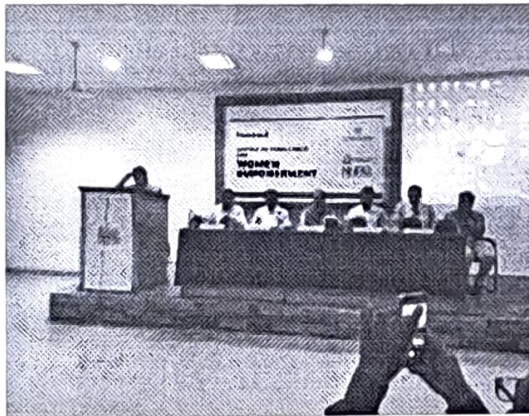
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
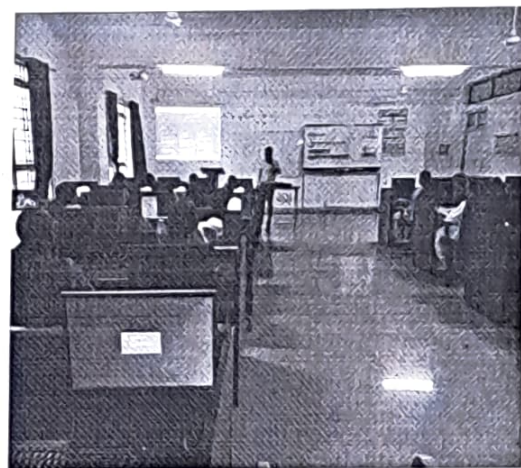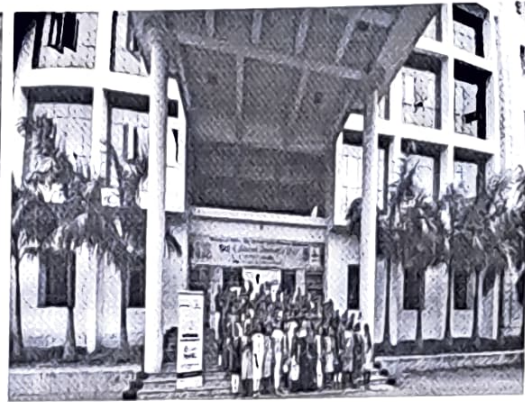
Day 2 (20-09-2022): Training started with the revision of the previous day's topics and continued with topics of Cloud Economics and Billing – Fundamentals of pricing, Total Cost of Ownership, Billing, Technical support, and Revision of topics.

Trainers started explaining AWS Global Infrastructure Overview and AWS services, service category overview, Revision of topics and Questions Discussion.

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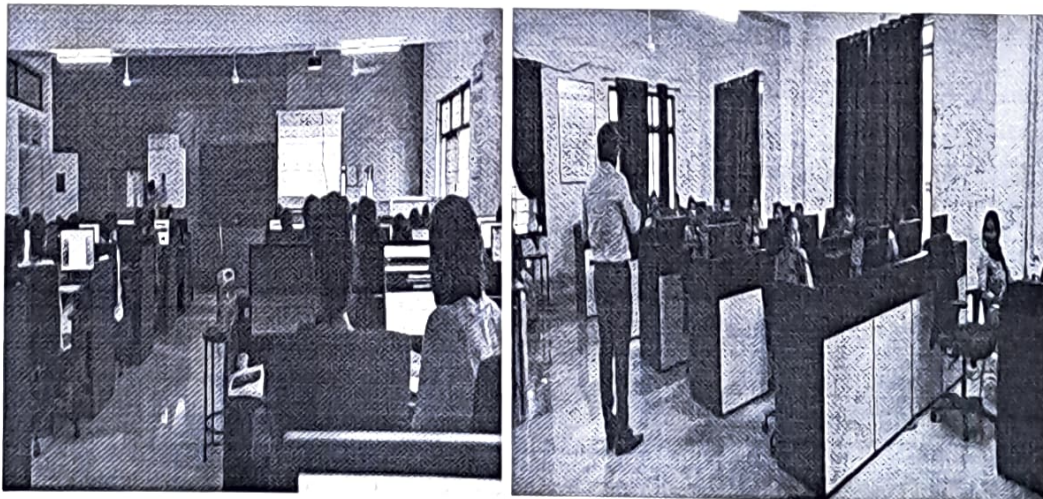
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Day 3 (21-09-2022): Training started with the previous day's concepts then started with a concept of AWS Cloud Security – AWS shared responsibility model and AWS Identity and Access Management (IAM) with Hands-on and Questions Discussion.

Day 4 (22-09-2022): Training started with the previous day's concepts then started with a concept of Access Management (IAM) with Hands-on, Securing a new AWS account, Securing accounts, Securing data on AWS, and Working to ensure compliance, revision of topics, and Questions Discussion.

Day 5 (23-09-2022): Training started with the previous day's concepts then started with concepts on Networking and Content Delivery – Networking Basics and Amazon VPC with Hands-on, VPC networking, VPC security, revision, and Questions Discussion and Assessment.

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Day 6 (24-09-2022): Training started with the previous day's concepts on Networking and Content Delivery then started with concepts on Amazon Route 53, Amazon CloudFront, Compute – Compute services overview, Amazon EC2 with Hands-on, Amazon EC2 cost optimization, container services, revision of topics and Questions Discussion.

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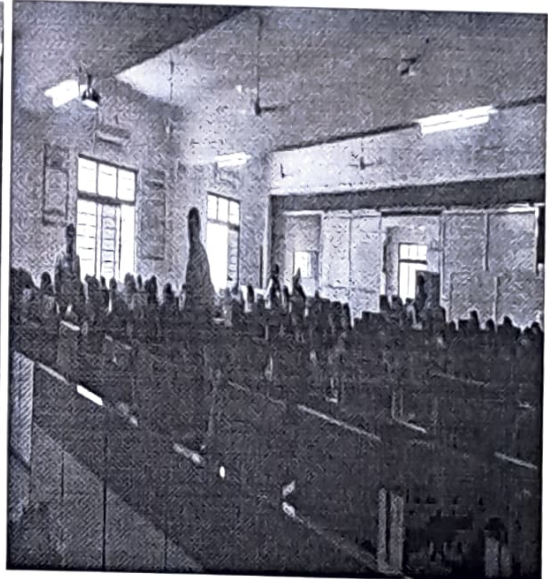
Day 7 (26-09-2022): Training started with the previous day's concepts on containers, a discussion on the assessment given and started with Introduction to AWS Lambda, Introduction to AWS Elastic Beanstalk, Amazon Elastic Block Store (Amazon EBS) with Hands-on, Amazon Simple Storage Service (Amazon S3), revision of topics, Questions Discussion with Assessment and informed to complete *AWS Academy Graduate – AWS Academy Cloud Foundation, the Course duration is 20 hours.*
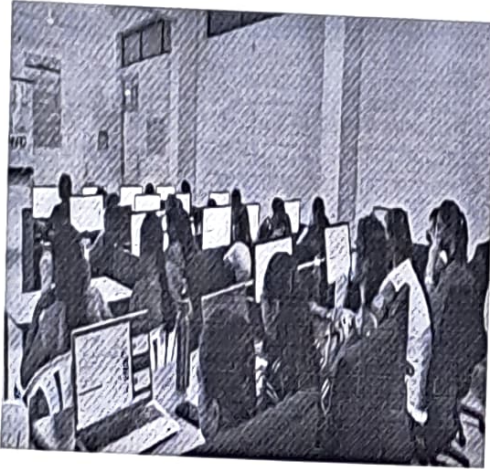
Day 8 (27-09-2022): Training started with the previous day's concepts on Amazon EBS and started with Amazon Elastic File System (Amazon EFS), Amazon Simple Storage Service Glacier, Databases – Amazon Relational Database Service (Amazon RDS) with Hand-on and Amazon DynamoDB, revision of topics, Question Discussion with Assessment.

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Day 9 (28-09-2022): Training started with the previous day's concepts on Databases with Amazon Redshift, Amazon Aurora, Cloud Architecture – AWS Well-Architected Framework, Reliability and Availability, AWS Trusted Advisors, revision of topics, Question Discussion with Assessment.
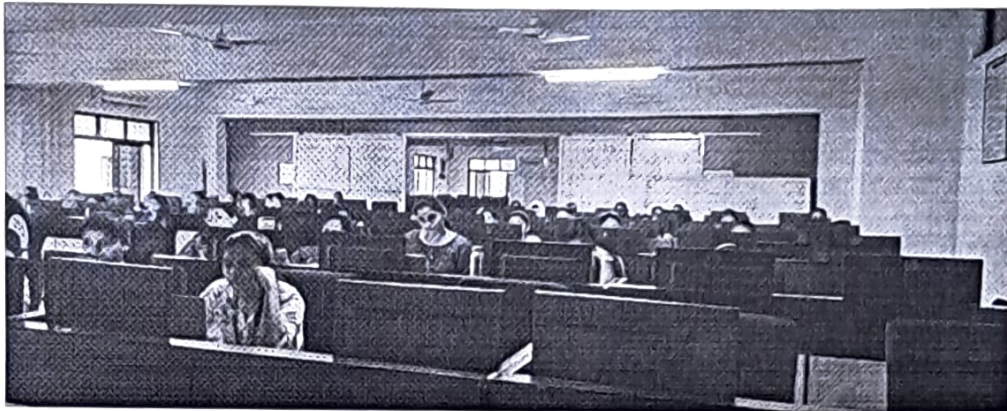
Day 10 (29-09-2022): Training started with the previous day's concepts on Cloud Architecture with Automatic Scaling and Monitoring – Elastic Load Balancing with Hands-on, revision of topics, Question Discussion with Assessment.

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Day 11 (30-09-2022): Training started with the previous day's concepts on Automatic Scaling and Monitoring with Amazon EC2, conducted a surprise test, revised previous questions, and followed by Hands-on sessions.
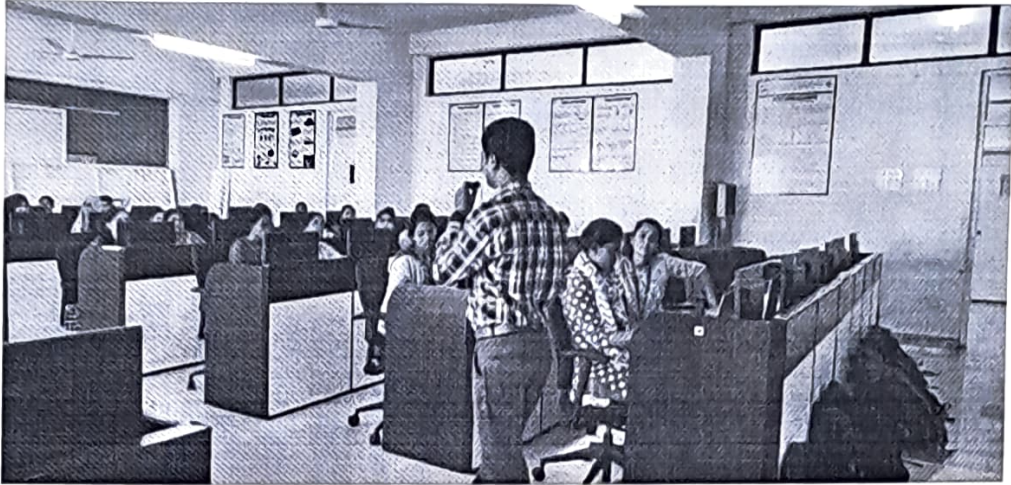
Day 12 (01-10-2022): Training started with the previous day's topic followed by Revision – 1, Question Discussion – 1, Assessment – 1, Revision – 2, Question Discussion – 2, Assessment – 2, Revision – 3, Question Discussion – 3, Assessment – 3 of Full course and followed by Valedictory Function of **"AWS Certified Cloud Practitioner (CLF-C01)".**

OUTCOME:

Students got an awareness of the AWS Cloud and the role of Cloud Computing in the day-to-day.

ACTION PLAN:

Plan to conduct more Certification Programs on the latest technologies.

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Choudariguda(vil), Korremula X Road, Ghatkesar Mdl, Medchal Malkajgiri Dt, Hyderabad -500088
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AWS Certified Cloud Practitioner (CLF-C01)

Date: 1st October 2022   **Venue: Conference Hall**

Dr. K. Rameshwariah concluded the 100 hours AWS Certified Cloud Practitioner (CLF-C01) by saying what topics are covered under that and saying a few words about the importance of AWS Cloud.

Conclusion Remarks by Dr. K. Rameshwariah   Motivating students to practice more on AWS
Head of the Department, CSE   By Dr. C. V. Krishna Reddy – Director, NNRG

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- Director

Inspiring the students to continue the course
By Dr. G. Janardhana Raju – Dean SOE

Mr. B. Gopal Reddy, ICT Academy Head – TS
& AP explaining the opportunities of AWS.

Feedback from Students about 100 hours AWS Cloud Practitioner certification program

Movement of Gratitude to Trainer Mr. Mandar Bhalekar and Mr. Siddiq Pasha

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Group Photo with Girls Students

SPOC & Mentors Group Photo

Faculty Group Photo with HoD & Trainer's

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aws academy

Kola Manasa

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
20 hours

Issued on
10/04/2022

Digital badge
https://www.credly.com/go/73nxEY6b

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aws academy

Bhoomika Macha

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
20 hours

Issued on
10/09/2022

Digital badge
https://www.credly.com/go/LGiSHGcH

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aws academy

Gujjari Supriya

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
20 hours

Issued on
10/02/2022

Digital badge
https://www.credly.com/go/M4e3XqLq

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aws academy

mamilla21 ramyasriya

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed
20 hours

Issued on
10/01/2022

Digital badge
https://www.credly.com/go/DX2myj6

10/10/22

HEAD-CSE

Head of the Department
Computer Science & Engineering
Nalla Narasimha Reddy Education Society's
Group of Institutions-Integrated Campus
imeda (Vill), Ghatkesar (Mdl) Med...

Ref. No: NNRG/DSOP/CP/ 2022-2023/01

Date: 20-11-2022

From:
Dr.Krishna Mohan Chinnala
Dean - School of Pharmacy.

To

The Director,

NNRG,

Chowdariguda.

Sub: Permission to Organize Certificate Program on "An Insight on Manufacturing of Pharmaceutical Dosage Forms" - Request - Regarding.

Sir,

With reference to the subject cited I would like to bring to your kind notice that. Department of Pharmaceutics, School of Pharmacy planning to organize a 'Certificate Program' on "An Insight on Manufacturing of Pharmaceutical Dosage Forms" for B. Pharmacy III students. I request you to permit us to conduct the program at our School of Pharmacy from 25th November 2022 to 12th December 2022.

Thank you Sir,

Sincerely yours

DEAN

School of Pharmacy

NALLA NARASIMHA REDDY

NNRG Education Society's Group of Institutions - Integrated Campus
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(Approved by AICTE, PCI, New Delhi. Affiliated to JNTU-Hyderabad)

SCHOOL OF PHARMACY

Accredited by

Ref. No: NNRG/DSOP/CP/ 2022-23/04

Date: 26-11-2022

CIRCULAR

All the students of III, IV year students of B.Pharm of School of Pharmacy are here by informed that NNRGSOP is organizing a 'Certificate Program' on "An Insight on Manufacturing of Pharmaceutical Dosage Forms" from 25th November 2022 to 12th December 2022. All the interested students can register for the certificate program. Dr. B. Sree Giri Prasad, HoD, Dept. of Pharmaceutics will be the Course coordinator. Please contact him for further details.

DEAN

School of Pharmacy

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Reddy Group of
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Course Content of

AN INSIGHT ON MANUFACTURING OF PHARMACEUTICAL DOSAGE FORMS

Pre-formulation Studies of Powders / Granules to manufacture Solid dosage forms:

Influence of physical form crystal & amorphous, polymorphism, particle size, shape, solubility profile, pKa, pH, partition coefficient, flow properties.Dissolution, permeability on formulation/preparing of tablets, granulation methods, compression and processing problems, tablet coating, equipment and tablet tooling. QC of tablets: apparatus, methods, graphical presentations, official and unofficial tests. Pellets: Introduction, formulation, pelletization process, equipment needed. : Materials used for packaging of pharmaceutical products. Factors influencing choice of containers Legal and official requirements, Stability aspects: Quality control tests of packaging materials

Basic concepts on manufacturing of Liquid Orals:

Liquid orals: Formulation, manufacturing, evaluation and stability studiesof solution, syrups and elixirs. Filling and packaging Emulsions, Suspensions.

Parenterals Dosage Forms: Preformulation studies, formulation and Evaluation:

Introduction, Preformulation of Parentrals, Formulation of Parentrals, types of Parentrals preparation, Lay out and Production facilities, pyrogens and pyrogenisity, Quality control of parenterals

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SCHEDULE OF CERTIFICATE PROGRAM
ON
"AN INSIGHT ON MANFACTURING OF PHARMACEUTICAL DOSAGE FORMS"

DATE: 25-11-2022 to 12-12-2022

DURATION: 30Hrs

Day	Date & Day	2.00 PM - 4.00 PM
1	25-11-2022	Influence of physical form crystal & amorphous, polymorphism, particle size, shape, solubility profile.
2	26-11-2022	pKa, pH, partition coefficient, flow properties.Dissolution, permeability on formulation/preparing of tablets
3	28-11-2022	granulation methods, compression and processing problems, tablet coating, equipment and tablet tooling
4	29-11-2022	QC of tablets: apparatus, methods, graphical presentations, official and unofficial tests..
5	30-11-2022	Pellets: Introduction, formulation, pelletization process, equipment needed
6	01-12-2022	Materials used for packaging of pharmaceutical products.
7	02-12-2022	Factors influencing choice of containers Legal and official requirements,
8	03-12-2022	Stability aspects: Quality control tests of packaging materials
9	05-12-2022	Liquid orals: Formulation, manufacturing,
10	06-12-2022	evaluation and stability studiesof solution, syrups and elixirs.
11	07-12-2022	Filling and packagingEmulsions, Suspensions.
12	08-12-2022	Introduction, Preformulation of parenterals.
13	09-12-2022	Formulation of parenterals, types of Parenteral preparation,
14	10-12-2022	Lay out and Production facilities, pyrogens and pyrogenisity,
15	12-12-2022	Quality control of parenterals and Validatory.

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SCHOOL OF PHARMACY

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INVITATION

The Management, Faculty, Students of NNR SCHOOL OF PHARMACY

Cordially invites you to the Inaugural Function of

Certificate Program

On

"An Insight on Manufacturing of Pharmaceutical Dosage Forms"

25-11-2022 to 12-12-2022

ORGANIZED BY

SCHOOL OF PHARMACY,

NALLA NARSIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

CHIEF GUEST

Dr.Krishna Mohan Chinnala

Dean, School of Pharmacy, NNRG.

WORKSHOP COORDINATOR

Dr. B. Sree Giri Prasad

HoD, Dept. of Pharmaceutics, NNRSOP.

Venue:

Seminar Hall, NNR School of Pharmacy

Date & Time

25-11-2022 02.00PM

PROGRAM SHEET
(INAUGURAL SESSION)
"AN INSIGHT ON MANUFACTURING OF PHARMACEUTICAL DOSAGE FORMS"

- Welcome Note by Ms. N.Aravinda, Asst Professor, School of Pharmacy.

- Inviting Dignitaries on to the Dais.

  o Chief Guest, Dr. Krishna Mohan Chinnala, Dean, SoP, NNRG.

  o Course Coordinator, Dr. B. SreeGiri Prasad, HoD, Dept. of Pharmaceutics.

- Welcome address by Program coordinator Dr. B. Sree Giri Prasad

- Address by Chief Guest, Dr. Krishna Mohan Chinnala, Dean, SoP, NNRG

- Vote of Thanks by N.Sruthi, Asst. Professor, School of Pharmacy.

- Concluding the program with National Anthem

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PROGRAM SHEET
(INAUGURAL SESSION)

"AN INSIGHT ON MANUFACTURING OF PHARMACEUTICAL DOSAGE FORMS"

- Welcome Note by Ms. N.Aravinda, Asst Professor. School of Pharmacy.

- Inviting Dignitaries on to the Dais.
    - Chief Guest, Dr. Krishna Mohan Chinnala, Dean. SoP, NNRG.
    - Course Coordinator, Dr. B. SreeGiri Prasad, HoD, Dept. of Pharmaceutics.

- Welcome address by Program coordinator Dr. B. Sree Giri Prasad

- Address by Chief Guest, Dr. Krishna Mohan Chinnala, Dean. SoP. NNRG

- Vote of Thanks by N.Sruthi, Asst. Professor. School of Pharmacy.

- Concluding the program with National Anthem

S.NO	ROLL NO	NAME OF THE STUDENT	REMARKS
1	207Z1R0001	AKKAPAKA RAMAKRISHNA	
2	207Z1R0002	ALESHWARAPU SRI LEKHA	
3	207Z1R0003	ALIMINI H RADHIKA	
4	207Z1R0004	ANAGURTHI SANTHOSH KUMAR	
5	207Z1R0005	ATHMAKUR TEJASRI	
6	207Z1R0006	AZLAH	
7	207Z1R0007	AZMEERA NAGARAJU	
8	207Z1R0008	BADDAM VISHNU VARDHAN REDDY	
9	207Z1R0016	CHALAMALLA VINNI	
10	207Z1R0017	CHANDA VAISHNAVI	
11	207Z1R0018	CHIGURU ARCHANA	
12	207Z1R0019	CHIKATI MANOHAR	
13	207Z1R0020	CHILUKAMARI BHAVANI	
14	207Z1R0021	CHINTHALA PAVANI	
15	207Z1R0022	CHINTHAM REDDY SAI PRANITHA	
16	207Z1R0023	D NAVYA	
17	207Z1R0024	D RAJASHEKAR REDDY	
18	207Z1R0025	DACHARAM SADVIKA	
19	207Z1R0026	DARANI MANASA	
20	207Z1R0027	DASARI SAIGANESH	
21	207Z1R0028	DESHMUKH SHIVAPRASAD	
22	207Z1R0029	DEVULAPALLY SHIVAANI	
23	207Z1R0030	DONAPATI HARISH KUMAR REDDY	
24	207Z1R0031	DOSAPATI SALMAN	
25	207Z1R0032	DUBBAKA ESHITHA REDDY	
26	207Z1R0033	FARIDA BEGUM	
27	207Z1R0034	G PRAVALIKA	
28	207Z1R0035	G PREMDEEP KUMAR	
29	207Z1R0036	G VENUGOPAL REDDY	
30	207Z1R0038	GUDARAPU KAVYA	
31	207Z1R0039	GUMMADI SANDEEP	
32	207Z1R0040	HANMANTHUGARI JAHNAVI	
33	207Z1R0041	J JHANSI	
34	207Z1R0042	K SHIRISHA	
35	207Z1R0043	KALLETI HARSHIKA	
36	207Z1R0044	KANDADI REKHA	
37	207Z1R0045	KANDALE SARAYU	
38	207Z1R0047	KARUPAKULA PRAVALIKA	
39	207Z1R0048	KOLANU SWATHI	
40	207Z1R0049	KONDE GNANA DEEPTHI	
41	207Z1R0050	KORRA VINOD	
42	207Z1R0051	KUMBAM SHIRISHA	

43	207Z1R0053	KURRI MULA AJAY KUMAR	
44	207Z1R0054	MALLIGARI PRUDHVI ANAND	
45	207Z1R0055	MANIKYALA MUKESH	
46	207Z1R0056	MEESALA YOGITHA	
47	207Z1R0057	MERUGU JAHNAVI	
48	207Z1R0058	METTU OMKAR BALA NARASIMHA	
49	207Z1R0059	MITTAPALLY PRAVALIKA	
50	207Z1R0060	MOHAMMAD THANSIRA BEGAM	
51	207Z1R0062	MULKALA MONALI	
52	207Z1R0063	NAKKA DEEKSHITHA	
53	207Z1R0064	NIMMANAGOTI MOUNIKA	
54	207Z1R0066	PANNEERU AKSHAYA	
55	207Z1R0067	PINNOJU BHAVANA SRI	
56	207Z1R0068	R SAI SPURTHI	
57	207Z1R0069	RACHAMALLA BHAVYA	
58	207Z1R0070	RACHARLA VISHLESHA	
59	207Z1R0071	RANGU SATHVIKA	
60	207Z1R0072	RUPANI SOWMYA	
61	207Z1R0073	SAI GANESH BALAJI V ANUPINDI	
62	207Z1R0074	SALLA AISHWARYA	
63	207Z1R0075	SAMBARAJU ANJALI	
64	207Z1R0076	SARLA RITIK NARSIMAH	
65	207Z1R0077	SHAIK AMJAD	
66	207Z1R0078	SINGIREDDY NAVYA	
67	207Z1R0079	SURIGI BHARGAVI	
68	207Z1R0080	SURKANTI CHAITHANYA REDDY	
69	207Z1R0081	T YASHWANTH KUMAR	
70	207Z1R0096	PATHIPAKA NISHITHA	
71	207Z1R0097	BODIGA SAIKUMAR	
72	207Z1R0098	MD SAYEED	
73	207Z1R0099	MIKKILINENI KEERTHI	
74	207Z1R00A0	VANGALA HARINI PRIYA	

COURSE COORDINATOR   DEAN SOP
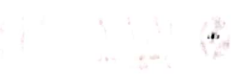
SCHOOL OF PHARMACY

REPORT ON CERTIFICATE PROGRAM ON "AN INSIGHT ON MANUFACTURING OF PHARMACEUTICAL DOSAGE FORMS"

Pharmaceutical dosage formulations are important dosage forms. e.g. tablets, capsules, granules, sachets, reconstitute powders, powders, dry powder inhalers, liquid orals and chewable. Solid dosage form contains unit dose of one or more medicament. Excipients include Binders, Glidants, Sweeteners etc.

30 Hours certificate program on Pharmaceutical dosage forms was organized from 25-11-2022 to 12-12-2022.The inaugural Session was held on 25-11-2022 and valedictory on 12-12-2022.

Students were happy and expressed that the program was educative, informative and acts as a bridge course for developing the advanced technologies in their education and career building.

Some of the students suggested to organize few more certificate courses which can help them in avoiding attend the same outside the campus in coaching centers.

The time of the sessions was increased so that the students had more interaction with the speaker.

We informed to Departmental Advisory committee that to add this course in the curriculum to develop students advanced technology.

74 students of B.Pharm III Year students have participated in the program.
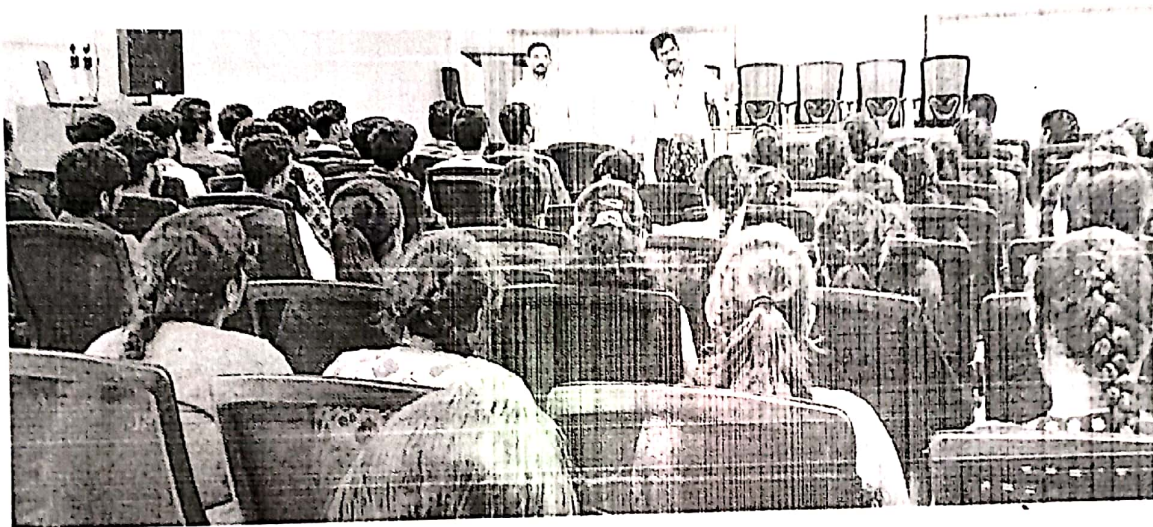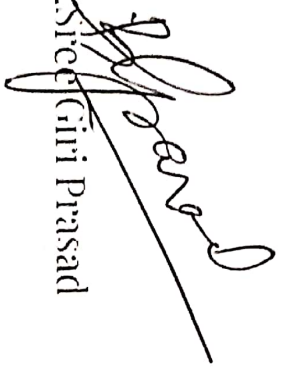
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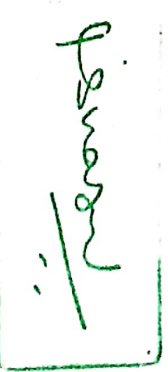
CERTIFICATE

OF COMPLETION

This is to certify that Mr./Ms. CHALAMALLA VINNI B. Pharmacy, bearing R.No 20721K0016 from School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "An Insight on Manufacturing of Pharmaceutical Dosage Forms" from 25 November to 12 December 2022.

Dr.B.Sree Giri Prasad

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean, School of Pharmacy

Dr.C.V.Krishna Reddy

Director, NNRG

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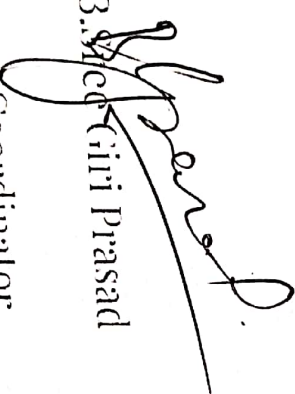
SCHOOL OF PHARMACY

CERTIFICATE

OF COMPLETION

This is to certify that Mr./Ms. **KORRA VINOD** . B. Pharmacy. bearing R.No **20TZIR0D5D** from School of Pharmacy. Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "An Insight on Manufacturing of Pharmaceutical Dosage Forms" from 25 November to 12 December 2022.

Dr.B.Meo Giri Prasad

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean. School of Pharmacy

Dr.C.V.Krishna Reddy.

Director. NNRG

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CERTIFICATE
OF COMPLETION

This is to certify that Mr./Ms. **MEESALA YOGITHA** B. Pharmacy. bearing R.No **20721R0056** from School of Pharmacy. Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "An Insight on Manufacturing of Pharmaceutical Dosage Forms" from 25 November to12 December 2022.

Dr.B.Sree Giri Prasad

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean. School of Pharmacy

Dr.C.V.Krishna Reddy

Director. NNRG

Scanned with OKEN Scanner

Date: 31-10-2022

Ref. No: NNRG/DSOP/CP/ 2022- 23

From,
Prof. Krishna Mohan Chinnala
Dean- School of Pharmacy.

To,
The Director,
NNRG,
Chowdariguda.

Sub: Permission to organize Certificate Program on Clinical Research Monitoring – Request – Regd.

Sir,

With reference to the above-cited subject, I would like to bring to your kind notice that. School of Pharmacy would like to organize a 'Certificate Program' on "Clinical Research Monitoring" for B. Pharm IV year students. This program is very useful for all the students to gain the basic concepts of various essential pharmacy subjects. Hereby, I request you to kindly permit us to conduct the program at our School of Pharmacy from 14[th]November 2022 to 30[th]November 2022.

Thanking You Sir,

Sincerely Yours,

DEAN

School of Pharmacy

Nalla Narasimha Reddy Group of Institutions

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Date: 02-11-2022

Ref. No: NNRG/DSOP/CP/ 2022- 23

CIRCULAR

All the students of IV, B. Pharmacy of School of Pharmacy are here by informed that NNRGSOP is organizing a 'Certificate Program' on "Clinical Research Monitoring" from 14th November 2022 to 30th November 2022. All the interested students can register for the certificate program. Dr. Krishna Mohan Chinnala, Dean, School of Pharmacy will be the course coordinator. Please contact him for further details.

DEAN

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Course Content of
Clinical Research Monitoring

1. Concept of clinical research:

   Stakeholders in Clinical Research- Ethics Committees and Institutional Review Board.

   Responsibilities of Sponsor, Responsibilities of Investigator. Responsibilities of Sponsor

   – Investigator, Responsibilities of Sponsor – Vendor.

2. Principles of Good Clinical Practices:

   Protocol Design, CRF Design.

3. Essential documents in Clinical Research and Regulatory Requirements:

   Essential Documents, IND Application, Clinical Study Report, NDA Application and

   Informed Consent process and Documentation.

4. Study Setup Process:

   Site selection and Pre- Study visits, Site Initiation, Subject Recruitment- Retention

   Planning, Site Contract and Budgeting,

5. QC, Compliance & Auditing in Clinical Research

   Site auditing, Sponsor Compliance and Auditing, SOP for clinical research.

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SCHEDULE OF CERTIFICATE PROGRAM
ON
"Clinical Research Monitoring"

DURATION: 30 Hrs   **DATE:** 14-11-2022 to 30-11-2022

Day	Date	2:00 to 4:00pm
1	14-11-2022	Inauguration and introduction to Clinical Research.
2	15-11-2022	Stake holders in clinical research.
3	16-11-2022	Ethics Committees and Institutional Review Board, Responsibilities of Sponsor.
4	17-11-2022	Responsibilities of Investigator, Responsibilities of Sponsor – Investigator, Responsibilities of Sponsor – Vendor.
5	18-11-2022	Principles of Good Clinical Practices: Protocol Design, CRF Design.
6	19-11-2022	Essential Documents required for clinical Practices, IND Application.
7	21-11-2022	Regulatory requirements for clinical research practices.
8	22-11-2022	Clinical Study Report, NDA Application.
9	23-11-2022	Informed Consent process and Documentation.
10	24-11-2022	Site selection and Pre- Study visits, Site Initiation.
11	25-11-2022	Subject Recruitment- Retention Planning, Site Contract and Budgeting.
12	26-11-2022	Principles of prevention and control ofhypertension, diabetes mellitus.
13	28-11-2022	QC, Compliance & Auditing in Clinical Research.
14	29-11-2022	Site auditing, Sponsor Compliance and Auditing.
15	30-11-2022	SOP for clinical research.

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INVITATION

The management, Faculty, and Students of the **NNR SCHOOL OF PHARMACY**

Cordially invites you to the Inaugural Function of

Certificate Program

On

"Clinical Research Monitoring"

14- 11-2022 to 30-11-2022

ORGANIZED BY

SCHOOL OF PHARMACY,

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

CHIEF GUEST

Dr. C. V. Krishna Reddy,

Director, NNRG.

COURSE COORDINATOR

Dr. Krishna Mohan Chinnala,

Professor, SOP, NNRG.

Venue:

Seminar hall, NNR School of Pharmacy

Date & Time

14- 11-2022& 02:00 PM

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PROGRAM SHEET
(INAUGURAL SESSION)

"Clinical Research Monitoring"

- Welcome note by Ms. A. Sahithi, Asst. Professor, School of Pharmacy.
- Inviting dignitaries on to the Dais.
  - Chief Guest, Dr. C. V. Krishna Reddy, Director, NNRG.
  - Course Coordinator, Dr. Krishna Mohan Chinnala, Dean – SOP.
- Welcome address by Course Coordinator, Dr. Krishna Mohan Chinnala.
- Vote of Thanks by Ms. N. Sruthi.
- Concluding the program with National Anthem.

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B. PHARMACY IV YR-CERTIFICATE PROGRAM FOR AY-2022-2023
CLINICAL RESEARCH MONITORING

S.NO	ROLL NO	NAME OF THE STUDENT	REMARKS
1	197Z1R0001	AKKINAPALLI SAI AKHILA	
2	197Z1R0002	BODDU CHITHRA	
3	197Z1R0003	CHAKALI RAJITHA	
4	197Z1R0004	CHILUKA PRANITHA	
5	197Z1R0005	CHINTHALAPELLY NITHISHA	
6	197Z1R0006	CHITTABATHINI VARSHITHA	
7	197Z1R0007	DEVARAPALLI SAI VIRANJAN REDDY	
8	197Z1R0008	GADDI RADHIKA	
9	197Z1R0009	GANDICHERUVU LAXMI PRASANNA	
10	197Z1R0011	GUTHIKONDA SNEHA	
11	197Z1R0012	IVATURI PRANAV MANI SARMA	
12	197Z1R0013	K BHAVANA	
13	197Z1R0014	KADARLA NATRAJ	
14	197Z1R0015	KANIKE PRATHYUSHA	
15	197Z1R0016	KANUKUNTLA SAHITHI	
16	197Z1R0017	KOKKALAKONDA SUSMITHA	
17	197Z1R0018	KONDAMADUGU MAHESH	
18	197Z1R0019	KOYALKAR MADHURI PRIYA	
19	197Z1R0020	LAKSHMI R MENON N T	
20	197Z1R0022	MALLORI SAHITHI	
21	197Z1R0023	MANDA SNEHA	
22	197Z1R0024	MOHD MUJAHED	
23	197Z1R0025	NEELAM RISHITH	
24	197Z1R0026	NERELLA RAKESH SATYANARAYAN	
25	197Z1R0027	NITYA SRIVASTAVA	
26	197Z1R0028	NOMULA RUCHITHA	
27	197Z1R0029	NOMULA VEENA SRI	
28	197Z1R0030	PAGIDIPALLY SAI TEJA	
29	197Z1R0031	PANDIRI RAHUL	
30	197Z1R0032	PANDIRI VIJAYA LAKSHMI VARSHA	
31	197Z1R0033	PARTHIREDDY PRADEEP	
32	197Z1R0035	RATHOD SARITHA	
33	197Z1R0036	SABA SHEREEN	
34	197Z1R0037	SARANGAM KAVYA	
35	197Z1R0038	SHAIK FAIMEENA SONY	
36	197Z1R0039	SHARATH NENAVATH	
37	197Z1R0040	SIDDULA PRANAYA SRI	

38	1972IR0043	T BHARGAVI	
39	1972IR0044	THALLAPALLY PRAVEENA RANI	
40	1972IR0045	THANAM GAYATRI	
41	1972IR0047	UDUTHA KIRAN YADAV	
42	1972IR0048	VADLA VAMSHI KRISHNA	
43	1972IR0049	KONDAVENI RAJENDHAR	
44	1972IR0050	BORELLI SOWMYA	
45	1972IR0051	DUDDELA RAVITHRENI	
46	1972IR0052	KOMMULA RAJESH	
47	1972IR0054	JAKKA SAI CHARAN	

COURSE COORDINATOR

DEAN SOP

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REPORT ON CERTIFICATE COURSE ON PRACTICES IN PHARMACY

The **"Clinical Research Monitoring"** course overviews principle underlying anatomy. Pharmaceutics. The students have gained fundamental knowledge on various concepts of pharmaceutical sciences.

30 Hours certificate program on Social and Preventive Pharmacy was organized from 14-11-2022 to 30-11-2022. The inaugural session was held on 14-11-2022 and valedictory on 30-11-2022.

The sessions were conducted in detail. The students were happy with program structure. Students were satisfactory and expressed that the program was educative, informative and it helps them in future research.

Some of the students requested more programs on chemistry and pharmaceutics which can help them to gain knowledge in those areas.

As per the request of the students we informed to Departmental Advisory Committee to add more programs on Chemistry and Pharmaceutics.

51 students of B. Pharm IV years have participated in the program.

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. UDITHA KIRAN VRDAY B. Pharmacy, bearing R.No 19721E0047
from School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions
has completed the course "Clinical Research Monitoring" from 14 to 30 November 2022.

Dr.Krishna Mohan Chinnala

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean, School of Pharmacy

Dr.CV.Krishna Reddy

Director, NNRG

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. UDUTHA KIRAN YADAV B. Pharmacy, bearing R.No 19721E0047 from School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "Clinical Research Monitoring" from 14 to 30 November 2022.

Dr.Krishna Mohan Chinnala

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean, School of Pharmacy

Dr.C.V Krishna Reddy

Director, NNRG

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. GUTHIKONDA SNEHA. Pharmacy, bearing R.No 197Z1R0011
from School of Pharmacy. Nalla Narasimha Reddy Education Society's Group of Institutions
has completed the course "Clinical Research Monitoring" from 14 to 30 November 2022.

Dr.Krishna Mohan Chinnala

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean. School of Pharmacy.

Dr.C.V.Krishna Reddy

Director, NNRG

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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. **PANDIRI RAHUL** B. Pharmacy, bearing R.No **197Z1R0031** from School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "Clinical Research Monitoring" from 14 to 30 November 2022.

Dr.Krishna Mohan Chinnala

Course Coordinator

Dr.Krishna Mohan Chinnala

Dean, School of Pharmacy

Dr.C.V.Krishna Reddy

Director, NNRG

Ref. No: NNRG/DSOP/CP/ 2022-2023/ 01   Date: 06-02-2023

From:
Dr.Krishna Mohan Chinnala
Dean - School of Pharmacy.

To
The Director,
NNRG,
Chowdariguda.

Sub: Permission to organize Certificate Program on Interpretation of Organic
Compounds – Request-Regarding.

Sir,

With reference to the above-cited subject I would like to bring to your kind notice that. School of Pharmacy would like to organize a 'Certificate Program' on "Interpretation of Organic Compounds" for B.PharmII year. Mr. K.Ravi Kumar, HoD, Dept. of Pharmaceutical Chemistry will be the Course coordinator. As this program is very useful for all the students to gain knowledge on spectral interpretation of organic compounds. I request you to kindly permit us to conduct the program at our School of Pharmacy from 13th February 2023 to 03rd March, 2023.

Thanking you Sir,

Sincerely yours

DEAN

School of Pharmacy

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Ref. No: NNRG/DSOP/CP/ 2022-23/02

Date: 10-02-2023

CIRCULAR

All the students of II B.Pharm of School of Pharmacy are here by informed that NNRGSOP is organizing a certificate program on "Interpretation of Organic Compounds" from 13th February. 2023 to 03rd March, 2023. All the interested students can register for the certificate program. Mr. K. Ravi Kumar, HoD, Dept. of Pharmaceutical Chemistry will be the Course coordinator. Please contact him for further details.

DEAN

School of Pharmacy

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Course Content of
Interpretation of Organic Compounds

Module -1: Introduction to spectrochemical methods

Interaction of Electromagnetic Radiation with Matter: electromagnetic spectra. Regions of Spectrum; Numericals. Electronic spectra and Molecular structure: kinds of transition. Chromophores and auxochrome; absorption by isolated chromophores, conjugated chromophores, aromatic compounds, inorganic chelates. Infrared absorption and molecular structures: IR spectra, overtones and bands-basis of NIR absorption. Spectral Databases: Identification of unknown; Application of UV-Vis and IR spectroscopy for identification of unknown compounds

Module-2: UV/VIS Spectroscopy

Brief introduction of UV/VIS Spectroscopy: Instrumentation and Sampling: Applications of Electronic Spectroscopy: Conjugated Dienes, Trienes, polyenes. a, Bunsaturatedcarbonyl compounds, aromatic hydrocarbons. Structural elucidation of organic molecules using UV Spectroscopy

Module-3: IR Spectroscopy

Infrared Spectroscopy: Introduction to IR spectroscopy; Basic IR spectra interpretation Frequencies of functional group. Structural elucidation of organic molecules using IR Spectroscopy.

Module-4: Proton and Carbon NMR Spectroscopy

Theory of NMR ; Chemical shift; factors influencing chemical shift : Solvents used in NMR. Theory of spin-spin splitting and simple spin systems: Coupling constant calculation: Factors influencing coupling constant. Structural elucidation of organic molecules using NMR (1H,13C).

Module-5: Mass Spectroscopy:

Basic Principles and Instrumentation: Problem solving in structure elucidation based on MS.

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SCHEDULE OF CERTIFICATE PROGRAM
ON
"Interpretation of Organic Compounds"

DATE: 13- 02-2023 to 02-03-2023DURATION: 30Hrs

Day	Date & Day	2.00 PM - 4.00 PM
1	13-02-2023	Inauguration and Introduction to Spectrochemical methods
2	14-02-2023	Interaction of Electromagnetic Radiation with Matter
3	15-02-2023	Infrared absorption and molecular structures
4	16-02-2023	Spectral Databases and Applications
5	17-02-2023	Application of UV-Vis and IR spectroscopy for identification of unknown compounds
6	20-02-2023	UV/VIS Spectroscopy, Instrumentation and Sampling
7	21-02-2023	Applications of Electronic Spectroscopy
8	22-02-2023	Structural elucidation of organic molecules using UV Spectroscopy
9	23-02-2023	Introduction to IR spectroscopy and Instrumentation
10	24-02-2023	Basic IR spectra interpretation andFrequencies of functional group
11	25-02-2023	Structural elucidation of organic molecules by IR
12	27-02-2023	Theory of NMR
13	28-02-2023	Coupling constant and factors influencing coupling constant
14	01-03-2023	Structural elucidation of organic molecules using NMR (1H,13C).
15	02-03-2023	Basic Principles and Instrumentation and structure elucidation by MS.

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INVITATION

The Management, Faculty, Students of **NNR SCHOOL OF PHARMACY**

Cordially invites you to the Inaugural Function of

Certificate Program

On

"Interpretation of Organic Compounds"

13-02-2023 to 02-03-2023

ORGANIZED BY

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NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

CHIEF GUEST

Dr. C.V. Krishna Reddy

Director, NNRG.

GUEST OF HONOR

Dr.Krishna Mohan Chinnala

Dean, SOP, NNRG.

COURSE COORDINATOR

Mr. K. Ravi Kumar

HoD, Dept. of Pharmaceutical Chemistry, NNRSOP.

Venue:

Seminar Hall, NNR School of Pharmacy

Date & Time

13-02-2023& 2.00PM

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PROGRAM SHEET
(INAUGURAL SESSION)

"Interpretation of Organic Compounds"

- Welcome Note by Ms. Sahithi, Asst Professor, School of Pharmacy.

- Inviting Dignitaries on to the Dais.

  - Chief Guest, Dr. C. V. Krishna Reddy, Director, NNRG.

  - Guest of Honor, Dr.Krishna Mohan Chinnala, Dean - School of Pharmacy.

- Course Coordinator, Mr. Ravi Kumar, HoD, Dept. Pharmaceutical Chemistry.

- Welcome address by Course Coordinator, Mr. Ravi Kumar, HoD, Dept. of P'Chemistry.

- Address by Guest of Honor Dr.Krishna Mohan Chinnala, Dean - School of Pharmacy.

- Address by Chief Guest, Dr. C. V. Krishna Reddy, Director, NNRG.

- Vote of Thanks by Ms. N. Swapna, Asst. Professor, School of Pharmacy.

- Concluding the program with National Anthem

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REPORT ON CERTIFICATE COURSE ON INTERPRETATION OF ORGANIC COMPOUNDS

Interpretation of organic compounds is one of the most essential parameter in drug discovery. The chemical and spectroscopic methods help to elucidate the structure of the unknown natural/synthetic organic compound.

30 Hours certificate program on interpretation of organic compounds was organized from 13-02-2023 to 02-03-2023. The inaugural Session was held on 13-02-2023and valedictory on 02-03-2022.

The sessions on spectral interpretations were conducted in detail. The students were muchinvolved into various structure elucidation sessions and the objective of the programme was satisfactory.

Students were satisfactoryand expressed that the program was educative, informative and it helps them in future research.

Some of the students suggested organizing few more certificate courses on clinical and pharmacology which can help them to gain knowledge in those areas.

We informed to Departmental Advisory committee that to add this course in curriculum to develop students advanced technology.

75 students of B.Pharm II year have participated in the program.

NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(Approved by AICTE, PCI, New Delhi. Affiliated to JNTU-Hyderabad)

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40	217Z1R0047	KUNSOTH MAMATHA	
41	217Z1R0048	L SOWMYA	
42	217Z1R0049	MADASU INDHUSHARANYA	
43	217Z1R0050	MADHAGONI DEEKSHITH GOUD	
44	217Z1R0051	MADISHETTI NIHARIKA	
45	217Z1R0052	MAKLUR HARINI	
46	217Z1R0053	MANDE NIKITHA	
47	217Z1R0054	MANGALARAPU AKHILA	
48	217Z1R0060	MOHAMMAD AMAAN	
49	217Z1R0061	MOHAMMED NOMANULLAH	
50	217Z1R0062	MUKMALA SAI RAMALINGAIAH	
51	217Z1R0063	N RAJESHWARI	
52	217Z1R0064	NANDIGAMA VENNELA	
53	217Z1R0065	NANDIKANTI SRIJA	
54	217Z1R0065	NANDIKANTI SRIJA	
55	217Z1R0066	NELLI AKSHAYA	
56	217Z1R0067	NENAVATH VICKY NAYAK	
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58	217Z1R0070	PABBU PAVANCHANDRA	
59	217Z1R0071	PALLEGADDA PAVANI	
60	217Z1R0072	PARICHI KRISHNA KAUSHIK	
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62	217Z1R0074	PATHAN RESHMA BEGUM	
63	217Z1R0075	POLE SRIDHAR	
64	217Z1R0076	PONUGOTI RAJESH RAO	
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69	217Z1R0081	RAMAGIRI NEHA	
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71	217Z1R0083	RANGAM HARTHITHA	
72	217Z1R0084	RUPANI PRANESH	
73	217Z1R0085	S NARENDRA REDDY	
74	217Z1R0086	S RAKESH	
75	217Z1R0087	SANDHYAPOGU HARIBABU	

COURSE COORDINATOR

DEAN SOP

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS
UGC AUTONOMOUS
SCHOOL OF PHARMACY
B. PHARMACY II YR-CERTIFICATE PROGRAM FOR AY-2022-2023
INTERPRETATION OF ORGANIC COMPUNDS

S.NO	ROLL NO	NAME OF THE STUDENT	REMARKS
1	217Z1R0001	A KIRAN REDDY	
2	217Z1R0002	ADIVILA SHALINI SRI	
3	217Z1R0003	AELLABOINA SANJANA	
4	217Z1R0004	AFSIYA AMREEN	
5	217Z1R0005	ANDHE RAJASHEKAR	
6	217Z1R0006	ARRA SAI SWETHA	
7	217Z1R0007	AYESHA SIDDIQUA	
8	217Z1R0008	BARRU MURALI KRISHNA	
9	217Z1R0009	BHEMAGANI MEENAKSHI GOUD	
10	217Z1R0010	BOTTA POOJA	
11	217Z1R0011	BUKHYA NISHITHA	
12	217Z1R0012	BYREDDY PRADEEP REDDY	
13	217Z1R0013	CHAKALI ARTHI	
14	217Z1R0014	CHELIME SRUTHI	
15	217Z1R0015	CHIKKASIDDAVANAHALLY NATARAJA SHARVARI	
16	217Z1R0016	CHIKUTLA RAVALI	
17	217Z1R0017	CHINTAKAYALA SRAVYA	
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20	217Z1R0020	CHUNKARI SUSHUMNA THRIVENI	
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24	217Z1R0024	DEVASOTH NAVEEN	
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26	217Z1R0026	ERRI SRIJA	
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33	217Z1R0039	KANGALA SIDDU	
34	217Z1R0041	KASAGONI BHANU PRAKASH	
35	217Z1R0042	KODIGANTI SATHISH	
36	217Z1R0043	KOMPALLY NITHYARAJ	
37	217Z1R0044	KOMPELLI PRATHYUSHA	
38	217Z1R0045	KOTHURI NARESH	

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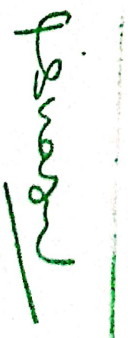(UGC AUTONOMOUS INSTITUTION)

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This is to certify that Mr./Ms. AYESHA SIDDIQUA B. Pharmacy. bearing R.No 21721R0071 from School of Pharmacy. Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "Interpretation of Organic Compounds" from 13 February to 2 March 2023.

K. Ravi Kumar
Course Coordinator

Dr.Krishna Mohan Chinnala
Dean, School of Pharmacy

Dr.C.V Krishna Reddy
Director, NNRG

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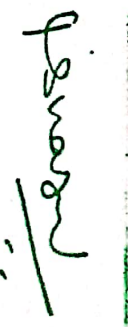**(UGC AUTONOMOUS INSTITUTION)**

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This is to certify that Mr./Ms. KOTHURI NARESH B. Pharmacy, bearing R.No 2172IR00445 from School of Pharmacy, Nalla Narasimha Reddy Education Society's Group of Institutions has completed the course "Interpretation of Organic Compounds" from 13 February to 2 March 2023.

K. Raj Kumar
Course Coordinator

Dr.Krishna Mohan Chinnala
Dean, School of Pharmacy

Dr.G.V.Krishna Reddy
Director, NNRG

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This is to certify that Mr./Ms. _CHIKURLA RAVALI_ B. Pharmacy, bearing R.No _21721R0016_ from School of Pharmacy, Nalla Narasinha Reddy Education Society's Group of Institutions has completed the course "Interpretation of Organic Compounds" from 13 February to 2 March 2023.

K. Ravi Kumar
Course Coordinator

Dr.Krishna Mohan Chinnala
Dean, School of Pharmacy

Dr.C.V.Krishna Reddy
Director, NNRG