

# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India) Accredited by NBA & NAAC National Ranking by NIRF, MHRD, Govt. of India Approved by AICTE, Affiliated to JNTUH, ISO 9001:2015 Certified Institution

# 7.2.1 BEST PRACTICES

<u>BEST PRACTICE 1:</u> Adopted Two Villages by National Service Scheme (NSS) Units and conducted various programs on Healthcare, Environmental and Various Social Factors.

**<u>BEST PRACTICE 2</u>**: Value added certifications in technology and communicationupscale the knowledge of students for the employability.

#### **BEST PRACTICE 1**

#### 1. Title of the practice

Adopted Two Villages by National Service Scheme (NSS) Units and conducted various programs on Healthcare, Environmental and Various Social Factors.

#### 2. Objectives of the practice

- Village Adoption entails development practice that is reflexive, and socially useful.
- To create awareness on health, sanitation and hygienic environment.
- To conduct the survey for basic problems which villagers are facing, to give awareness on the same and represent to the concerned officials in the government.
- To bring out clean and green environment in and around the village.
- To create awareness regarding Government schemes and help the village community to apply for the same.
- To identify the potential of the village towards further growth and advances.
- To make the students to realize social human values and learn the values of community activities.
- To conduct programmes for awareness on personal hygiene, self-defense, selfconfidence and motivation to the village people.
- To involve students in the process of social upliftment and thereby developing

leadership qualities among them.

#### 3. The Context

MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, AUTONOMOUS believes in an all-round holistic development of not only the college and its stakeholders, but also of its neighbourhood. The NSS UNITS 1&2 of our college has undertaken the "Village Adoption Programme" by adopting the villages INDIRAMMA COLONY from BAHADURPALLY gram panchayat, GUNDLA POCHAMPALLY are the two villages which consists primarily of scheduled and other backward classes. Our college is located in semi urban area where multiple villages are near neighbourhood. Hence, it is opportunity to serve the villages for various concerns related to Healthcare, Environmental and multiple Social Factors. The objective of this practice is to service the surrounding villages develop socially and economically by educating and making existence of facilities by the higher officials in various ways. This program aims at bringing students from classroom to the real world outside. Engineering students can play a significant role in social development and village adoption programs by applying their technical skills and knowledge to address various challenges in rural communities. Social quotient refers to their ability to connect with and positively impact the community they aim to serve.

#### 4. The Practice

Our college students visited the villages and conducted survey in the village with local authorities, social workers and the local populations and has made a list of their concerns and requirements. The college organized different social, environmental and health awareness drives alongside medical camps. List of activities performed by NSS Unit 1&2 are

#### > VILLAGE SURVEY:

• Village survey is conducted to collect the comprehensive data about various problems of a rural community and addressed successfully with the help of higher officials– Health issues, Education and awareness, Sanatory concerns, Environmental problems, Social concerns etc in order to serve in better way for the needy. Gathered the report for various problems which have been faced by the villagers and taken into the kind notice of District Collector and Gram panchayat authorities and requested to take necessary actions.

#### • HEALTH RELATED ISSUES AWARENESS AND TREATMENT:

- Medical Camp on awareness of women health-related issues: Women in rural areas may have limited access to healthcare facilities. We organised medical camps to bring healthcare services directly to their doorstep and given awareness on various concerns like PCOD, PCOS, Thyroid, etc making it easier for them to seek medical advice and treatment. Distributed medicines to the needy people in the village as a part of treatment. Addressed mental health issues and provided counseling services for women who may be dealing with stress, anxiety, or other psychological challenges. Yoga and simple asanas are taught to solve their general menstrual health and immunity by the students along with department of Physical Education.
- **Dental Camp:** Through the dental camp we provided dental services, including checkups, cleanings, cavities, gum disease, extractions, and basic dental treatments and awareness on dental care to underserved populations who may have limited access to regular dental services due to financial constraints. Distributed medicines to the needy people in the village as a part of treatment.
- **Dengue and malaria awareness:** Health campaigns on basic dengue and malaria knowledge, such as the symptoms, transmission of malaria virus, and focused on target populations including the youth, students, and residents living in village. Given awareness on control measures of the mosquitoes.
- Nutrition awareness program: A nutrition awareness health camp was conducted at both the villages, suggested that they should take the fresh fruits, seasonal vegetables, milk and dairy products and importance of making informed fresh domestic food choices and developing healthy food habits for good health.
- Maintenance of Health and Hygiene: Promoted good hygiene practices, sanitation, and access to clean water to prevent diseases.

#### > ENVIRONMENTAL:

• Organic & Natural farming Cultivation technologies for farmers: Awareness Programme on Organic & Natural farming Cultivation technologies for farmers is conducted in the village. The program was organized to sensitize farmers about the organic and natural farming and their applications in rice and non-rice crops. The farmers were demonstrated the preparation of vermicompost, jeevamruta, ghanajeevamruta, beejamruta, neemastra, bramhastra, agnastra, various microbial products, biocontrol agents etc given awareness on the plants get sufficient minerals for a healthy crop, about ancient farming techniques done by our ancestors.

- **Go green:** Conducted plantation awareness program and distributed plants in the village. Students vocalized about the importance of green environment, waste management, and reducing carbon emissions with the villagers.
- Anti plastic: Given awareness on initiatives and actions to be taken to promote ecofriendly practices. Promoted practicing recycling materials like paper, plastic, glass, and metal to reduce waste and conserve resources.
- Importance of clean surroundings: Given awareness on importance of clean surroundings for good health. Clean surroundings with which one can control the mosquitos, dust and spreading of diseases.
- > SOCIAL ISSUES:
- Traffic Rules and Safety Driving Awareness Programme: With the help of Traffic Police our students and staff given awareness on the safe driving rules and specifically to drive the vehicle within the speed limit to the villagers. Our NSS volunteers on places like bus stand, roads and crowded place perform skits and street plays based on traffic rules and safety to spread awareness. Educated the travellers to follow the traffic rules and wear helmets and seat belts while driving. And given awareness to the people how to conduct themselves while driving or crossing roads
- Save girl child: Promoted awareness on saving the girl child and addressed issues like gender inequality, female feticide, and discrimination that girls often face.
- The importance of education for the girl-child/women: Given awareness on importance of girl/women education, women empowerment programs, rights of girls and women. Organised a meet on importance and how to succeed in various fields, such as science, engineering, sports, and the arts.
- Spreading Awareness Against Child Marriage and Dowry: Program is conducted to advocate against harmful practices like child marriage and dowry, which can have devastating consequences for girls and their families.
- Skill development & support to poor students: Our students conducted various programs on technical sessions- MSWORD, Powe Point Presentation, etc to the village school children. Distributed books, pens and other stationery needed to the financially backward students with the help college management.

Being the engineering professionals, our students feel responsible for the development of the society and they share the knowledge for how to use basic apps to the village people.

#### 5. Evidence of Success

- Students has realized with the real time problems what the society is facing with the analysis of SURVEY and have designed various INNOVATIVE PRODUCTS which makes the human life comfortable at rural or urban.
- Our students deigned the following INNOVATIVE PRODUCTS:
  - $\checkmark$  Gas leakage detection for the women safety in the kitchen
  - $\checkmark$  Road safety sensors in the vehicles to avoid the accidents
  - ✓ Water level sensor make sure that you have enough in the tank. Sends alerts when water level below and the overflow the thresholds.
  - ✓ Smart helmet.
  - $\checkmark$  Energy conservation with the help of IOT based sensors to save the power.
- Villagers planted a greater number of plants as a part of GO GREEN program.
- Villagers assured that they will increase the usage of ecofriendly paper and cloth bags.
- Village students benefited with technical skills like MSWORD, Power Point Presentation, etc.
- Submitted the identified issues to the Sarpanch of the village and he solved the problems with the help of higher officials.
- Many people who are suffered with dental problems and other health issues related to women are treated and supplied medicines as a part of treatment.
- Coming to the students, are very keen in offering a helping hand to the needy people around them. The enthusiasm and participation in organizing activities for the adopted village is an evidence of success of the programme. The programme helped to improve awareness about the need of social responsibility among students.
- Students cognizant the nature of teamwork: Work well in interdisciplinary teams, including villagers, social workers, and local volunteers, to leverage diverse skills and knowledge.
- Students has understood the Ethics and Integrity. As a result of this practice the students of the institution have acquired the quality of being associated with society and social issues. The students also developed the habit of helping fellow students suffering from serious disease. The students come forward to help others indicates their realization of human values.

#### 6. Problems Encountered and Resources Required Problems Encountered

• The tight schedule of the Semester system gives a narrow time frame for field work.

#### **Resources Required**

- Human Resources for field work related to extension activities.
- After conducting the various awareness programs, there are multiple issues faced during implementation.
- Timely processing of requests by the higher officials is the biggest challenge.



# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN (AutonomousInstitution-UGC, Govt. ofIndia)

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Maisammaguda, Dhulapally, Kompally, Secunderabad, -500100.

#### **BEST PRACTICE 1**

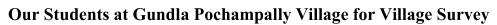
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN has adopted Two Villages- INDIRAMMA COLONY & GUNDLA POCHAMPALLY under National Service Scheme (NSS) Units and conducted various programs Village Survey, Healthcare, Environmental and Various Social Factors.

S.NO	ACTIVITY CONDUCTED	Page No	
1	Village Survey		
2	Traffic Rules and Safety Driving Awareness Programme		
3	AwarenessProgrammeonOrganic&NaturalFarmingCultivationTechnologies for Farmers	12	
4	Medical Camp for awareness on Health-Related Issues	13	
5	Dental Camp		
6	Awareness Program on Energy Conservation	24	
7	Anti Plastic	25	
8	Skill development & Support to Poor Students	28	
9	Nutrition Awareness Program		
10	Go Green		

#### List of activities conducted in the Adopted Villages

VILLAGE SURVEY: Village Survey is conducted to collect the comprehensive data about various problems of a rural community and addressed successfully with the help of higher officials- Health issues, Education and awareness, Sanatory concerns, Environmental problems, social concerns etc in order to serve in better way for the needy.







Our Students at Gundla Pochampally Village for Village Survey





Our Students at Gundla Pochampally Village for Village Survey

Our Students at Gundla Pochampally Village for Village Survey



# Our students at INDIRAMMA COLONY for Village Survey



# Our students at INDIRAMMA COLONY for Village Survey





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NSS Special Programme

Organized by

MRCW NSS Unit

Indramma Colony, Bahadurpally - Public Survey Questionnaire

Name: B. Kewitha Gender: FM Occupation: Plan Age: 41 Period of Stay in the Village: Bahacluson No. of Members in the Family: 1. Are you happy with the Facilities provided in your village? NO neabhers. 2. Do you know about Nutritious food needed for good health and Problems due to Vitamin Deficiencies? 170 з. Are you aware of Organic and Natural Farming Techniques which can improve the cultivation? Why do you think so many accidents are occurring nowadays. Do you have Traffic Rules awareness? We 5. Are you happy with the Medical facilities in your Village? Yes 6. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings? NO 7. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings?

NO

8. Do you think Blood Donation & Eye Donation are good and important?

Jes

Signature/Thumb Impression of Respondent

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# **NSS Special Programme**

# Organized by

MRCW NSS Unit

Indramma Colony, Bahadurpally - Public Survey Questionnaire

Name	:: lalitha			Date: ((/(/////
Age:	23	Gender: Femele	Occupation: house	150 m
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lo. of	f Members in	the Family: 了		
1.	Are you hap	py with the Facilities provide	ed in your village?	
		yei		
2.	Do you know Deficiencies?	v about Nutritious food need	ded for good health and Prob	lems due to Vitamin
		yes		
3.	Are you awai	re of Organic and Natural Fa	irming Techniques which can	improve the cultivation?
		yes		
4.	Why do you t awareness?	think so many accidents are	occurring nowadays. Do you	have Traffic Rules
		yrs		
5.	Are you happ	y with the Medical facilities	in your Village?	
	-	401		
6.	Are you awar Surroundings	e of harm caused by Plastic ?	& Polythene wastes and imp	ortance of clean
		No		
	Are yo <del>u awan</del> Surroundingsi		& Polythene wastes and imp	ortance of clean
8.	Do yo <del>u think l</del>	Slood Denation & Eye Dona	tion are good and important	?
		ye		
		J	Signatu	ression of Respondent

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	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN 'crmanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution Maisammaguda, Dhullapally, Secunderabad, Kompally -500100
12	Accredited by NBA &NAAC with 'A' Grade
111	NSS Special Programme
March 1	Organized by
	MRCW NSS Unit
I	ndramma Colony, Bahadurpally - Public Survey Questionnaire
Name Age:	26 Gender: France Occupation: + 10400-4920
	of Stay in the Village:
	Members in the Family:
	Are you happy with the Facilities provided in your village?
2.	Do you know about Nutritious food needed for good health and Problems due to Vitamin Deficiencies?
	- yes
22	
3.	Are you aware of Organic and Natural Farming Techniques which can improve the cultivation?
4.	Why do you think so many accidents are occurring nowadays. Do you have Traffic Rules
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5.	Are you happy with the Medical facilities in your Village?
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6.	Are you aware of patim caused by Plastic & Polythene wastes and importance of clean Surroundings?
7.	Are yo <u>u award of harm caused by Plastic &amp; Polythene wastes and importance of clean</u> Surroundings? <sup>U</sup>
8,	Do you think Blood Donation & Eye Donation are good and important?
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	Signature/Thumb Impression of Respondent



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# **NSS Special Programme**

#### Organized by

MRCW NSS Unit

Indramma Colony, Bahadurpally - Public Survey Questionnaire

Name: Yadamma (UMA Date: 111122 Gender: Fernale Occupation: Small business Age: 55+ Period of Stay in the Village: 14 years No. of Members in the Family: S 1. Are you happy with the Facilities provided in your village? yes : 2. Do you know about Nutritious food needed for good health and Problems due to Vitamin Deficiencies? Yes 3. Are you aware of Organic and Natural Farming Techniques which can improve the cultivation? yes, She is awre 4. Why do you think so many accidents are occurring nowadays. Do you have Traffic Rules awareness? 25 5. Are you happy with the Medical facilities in your Village? Only medical facilities are applable and Conf doctor: 6. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings? es usage. (have to stop using p. Yes attic 7. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings?

8. Do you think Blood Donation & Eye Donation are good and important?

yes, Sts gaportant.

Signature/Thumb Impression of Respondent

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# NSS Special Programme

# Organized by

# MRCW NSS Unit

Indramma Colony, Bahadurpally - Public Survey Questionnaire

Name: Occupation: Salee business Age: Gender: te Lat Period of Stay in the Village: [54 early No. of Members in the Family: 4-mem 1. Are you happy with the Facilities provided in your village? OF 15 2. Do you know about Nutritious food needed for good health and Problems due to Vitamin Deficiencies? Yehahad Stor ULCETS, eye problem 3. Are you aware of Organic and Natural Farming Techniques which can improve the cultivation? Yes Why do you think so many accidents are occurring nowadays. Do you have Traffic Rules awareness? Ves aur 5. Are you h ur Village? with the Medical facilities in appy No 6. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings? YE these is less usease 7. Are you aware of harm caused by Plastic & Polythene wastes and importance of clean Surroundings? 8. Do you think Blood Donation & Eye Donation are good and important?

yesit's Important

Signature/Thumb Impression of Respondent

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# Our students at INDIRAMMA COLONY for Village Survey



Our Principal ma'am submitted the report to the district collector regarding the issues of the villages which our student collected during VILLAGE SURVEY. Government Officials solved various issues of the villagers.





Submitting the report to the district collector

Submitting the report to the district collector



# Rea Ale





Traffic Rules and Safety Driving Awareness Programme: With the help of Traffic Police our students and staff given awareness on the safe driving rules and specifically to drive the vehicle within the speed limit to the villagers. Our NSS volunteers on places like bus stand, roads and crowded place perform skits and street plays based on traffic rules and safety to spread awareness.





Traffic Rules and Safety Driving Awareness Programme

Traffic Rules and Safety Driving Awareness Programme





Traffic Rules and Safety Driving Awareness Programme

Traffic Rules and Safety Driving Awareness Programme



Awareness Programme on Organic & Natural Farming Cultivation Technologies for farmers: Awareness Programme on Organic & Natural farming Cultivation technologies for farmers is conducted in the village. The program was organized to sensitize farmers about the organic and natural farming and their applications in rice and non-rice crops.



Awareness Programme on organic & Natural farming Cultivation technologies for farmers



### Awareness Programme on organic & Natural farming Cultivation technologies for farmers



Medical Camp for Awareness on Health-Related Issues: Villagers in rural areas may have limited access to healthcare facilities. We organised medical camps to bring healthcare services directly to their doorstep and given awareness on various concerns like DIABETIES, BLOOD PLESURE, WOMEN related health issues like PCOD, PCOS, Thyroid, etc making it easier for them to seek medical advice and treatment. Distributed medicines to the needy people in the village as a part of treatment.





Medical Camp for awareness on health-related issues

Medical Camp for awareness on health-related issues





Medical Camp for awareness on health-related issues

Medical Camp for awareness on health-related issues





Medical Camp for awareness on health-related issues

Medical Camp for awareness on health-related issues



Medical Camp for awareness on health-related issues

Medical Camp for awareness on health-related issues





Medical Camp for awareness on health-related issues

Medical Camp for awareness on health-related issues



Dental Camp: Through the dental camp we provided dental services, including check-ups, cleanings, cavities, gum disease, extractions, and basic dental treatments and awareness on dental care to underserved populations who may have limited access to regular dental services due to financial constraints. Distributed medicines to the needy people in the village as a part of treatment.



18th December, 2022



Dental Camp at the Gundla Pochampally Village

Dental Camp at the Gundla Pochampally Village





Dental Camp at the Gundla Pochampally Village

Dental Camp at the Indiramma Colony





Dental Camp at the Indiramma Colony

Dental Camp at the Indiramma Colony



# Dental Camp at the Indiramma Colony



Dental Camp at the Indiramma Colony



Awareness Program on Energy Conservation: National Energy Conservation Day aims to generate awareness among the masses in India about the importance of saving energy. People are also kept in the loop on new courses of action and plans that are being formulated. Information is given on minimizing energy waste and how the public can do their part in conserving resources. Essentially, the main objective of the day is to reduce the use of energy and to encourage people to use it efficiently.



# Awareness Program on Energy Conservation

Awareness Program on Energy Conservation



Anti Plastic: Our students given awareness on initiatives and actions to be taken to promote eco-friendly practices. Promoted practicing recycling materials like paper, plastic, glass, and metal to reduce waste and conserve resources.



# Awareness program on Anti Plastic at the villages



Awareness program on Anti Plastic at the villages



Awareness program on Anti Plastic at the villages





Awareness program on Anti Plastic at the villages

Skill Development & Support to Poor Students: Our students conducted various programs on technical sessions- MSWORD, POWE POINT PRESENTATION, etc to the village school children. Distributed books, pens and other stationery needed to the financially backward students with the help college management.



Nutrition Awareness Program: A nutrition awareness health camp was conducted at both the villages, suggested that they should take the fresh fruits, seasonal vegetables, milk and dairy products and importance of making informed fresh domestic food choices and developing healthy food habits for good health.



### Awareness Program on Nutrition Food



Awareness Program on Nutrition Food



Awareness Program on Nutrition Food



Go Green: Conducted plantation awareness program and distributed plants in the village. Students vocalized about the importance of green environment, waste management, and reducing carbon emissions with the villagers.



Awareness on Green initiatives, Green Enviranmant and Plantation



Awareness on Green initiatives, Green Enviranmant and Plantation



Awareness on Green initiatives, Green Enviranmant and Plantation



Awareness on Green initiatives, Green Enviranmant and Plantation



### Awareness on Green initiatives, Green Enviranmant and Plantation



Awareness on Green initiatives, Green Enviranmant and Plantation





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### 7.2.1 BEST PRACTICES

### **BEST PRACTICE 2**

### 1. Title of Practice:

Value added certifications in technology and communication- upscale the knowledge of students for the employability

### 2. Objectives of the Practice:

- 1. To build the bridge between industry and academia.
- **2.** To provide training in various trades that are in high demand in market and have good job prospects.
- **3.** Includes Python, Java and C with Data Structures Tutorials and programming lab practice with Code Tantra, Hacker Rank, Hacker Earth Tools.
- 4. Timed programming tests, so as to serve as a mock test for the actual placement process and meter the student skill set.
- 5. Students will get individual performance reports.
- 6. Maximizing their potentialities and boosting self-confidence.
- **7.** To ensure overall development of students and scholars with the help and support of appropriate skilling mechanisms/methods and modes.
- **8.** To enhance the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- **9.** To provide an opportunity to students to practice the concepts learnt in a classroom, in real-time situations/company/organisation/industry in both virtually and physically means.
- **10.** To enrich market ready skills of the students through various Value-added technology related certifications COURSEARA, NPTEL and CISCO certifications.
- **11.** To enhance the IQ levels of the students with aptitude practice related training.
- **12.** Seminars gives the students an intensive exposure on a topic trough the presentations and discussions which enhances soft skills before entering into the industry.

- **13.** To inculcate practical knowledge in Computer Networking and Operating systems with the help of CISCO Certifications.
- **14.** To meet the industry needs students are provided with additional training sessions-FULLSTACK, MACHINE LEARNING and DEEP LEARNING.
- **15.** To develop LSWR skills of the students with the help of value-added English communication Certifications viz., CAMBRIDGE, OXFORD and PEARSON that make learning English effective and rewarding.

### 3. The Context:

To impart skills for jobs across all levels of workforce in the Technology and develop an interdisciplinary talent hub. Skill for Employability & Enhancement of Knowledge (SEEK program) is offered in which students are trained with different skill sets to enhance their knowledge in the areas which are required in industries.



### 4. The Practice:

MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, AUTONOMOUS has identified certain job skills that are likely to be in high demand in upcoming time. The best way to prepare students is to acquire technical skills and prepared a 04-year RoadMap in order to provide right skillset at right time to our students.

MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, AUTONOMOUS offers various skill development activities for students of different streams, which are listed as:

### > Employability Skills Enhancement Training Programmes

- Soft Skills Training
- Technical Training
- Programming Skills Training C, Data Structures, Java & Python
- Foreign Language Training
- Verbal Training

• Aptitude Training

### CRT Online Assessment Tests

I B.Tech - Coding practice through Code Tantra, Weekly online Assessment tests

II B.Tech - Coding practice through Code Tantra & Reference Globe, Weekly online Assessment tests

III B.Tech - Coding practice through Code Tantra & Reference Globe, Weekly online Assessment tests, daily online Assessment tests during last one month

IV B.Tech - Coding practice through Code Tantra & Reference Globe, daily online Assessment tests

### > Value Added Certification Training Programmes Through Centres

- CISCO C, CISCO Linux & CISCO Networking Certification through CISCO Networking Academy-established in the year 2012.
- Oracle Certification through Oracle as Oracle Academic Partner since the year 2012.
- Robotics Certification Training Programme Modules I-V, through Robotics Centre of Excellence-established in the year 2017.
- IBM Cognitive Certifications-Python, Data Science and AI/ML.
- TCS ION Technical Certifications.
- Coursera Certifications in C, Python, Data Structures, Algorithms, Cloud Computing, Artificial Intelligence, Machine Learning, Data Science, Blockchain Technologies, HTML, SQL, Cyber Security, IOT etc.

### > Value Added Professional English Certification Training Programmes

- Oxford Achievers Certification through Oxford University Press, India since 2018 for communication skills development.
- Pearson Certification through Pearson MePro.
- Business English Certification (BEC) through Cambridge University, London, U.K.
- TCS ION Soft Skills & Communication Skills Certifications.
- Cambridge Language and Soft Skills Certifications.
- Coursera certifications
- Project Based Training Programmes
- From I to IV year B.Tech on C, JAVA, DBMS, OS, IT Workshop, C++, Data Structures, Web Designing, PCB Designing, Robotics, Solar Energy Systems and MATLAB.
- > Programs on Entrepreneurship, IPR and Innovations
- > Conduct of Hackathons, Ideathons, Webinars.
- > Smart bridge training in the field of Machine learning and Artificial Intelligence
- Finishing School Concepts

To meet the requirements of the industry and to be on par with Technological Advancements, Finishing Schools are organized for IV year on Latest Technologies like Robotics, Internet of Things, Block Chain, Embedded Systems, R Programming, Big Data Analysis, Network Security, Cloud Computing, SIM Power Systems, Power Electronics, Power Semi-Conductor Drives, Entrepreneurial Skills Development Programmes, Idea Presentation, Hackathons for Start-ups', National/International Competitions participation, Guest Lectures, Workshops, Business Plan Competitions, Global Education and Career Counselling Centre, To guide students on higher education and job opportunities in India and Abroad.

The companies which generally visit our campus includes Accenture, Wipro, Cognizant, Flipkart, IBM, Virtusa, CISCO, Zensar, Capgemini, Dell Technology, Mind tree, Deloitte, DXC Technology, Epam, HCL Technology, Hitachi, L&T Technology Sciences, Lowes India, Mentor Graphics, Publics Sapient, Tejas Networks, Tiger Analytics, Value Momentum, DBS, E2open, Prolifics, TCS (Digital), Dupont, Techmahindra, Acolite, Hexaware and PWC.

		1		
S.NO	PRAGRAM TITLE	CLASS	NO. OF	NO. OF
			HOURS	STUDENTS
				ATTENDED
1	MACHINE	III YR	30	1070
	LEARNING			
2	DEEP LEARNING	III YR	30	1020
3	CAMBRIDGE	I YR	30	1014
	CERTIFICATION			
4	PROGRAMMING	II YR	24	1080
	IN C (HACKER			
	RANK)			
5	PROGRAMMING	III YR	30	1090
	IN C (HACKER			
	RANK)			
6	PROGRAMMING	IV YR	30	1085
	IN DATA			
	STRUCTURES			
	(COMPANY			
	SPECIFIC)			
7	PROGRAMMING	IV YR	36	1090
	IN JAVA			

**Summary of Trainings provided:** 

	(COMPANY SPECIFIC)			
8	APTITUDE TARINING	III YR	18	1090
9	CRT TRAINING	III YR	18	1080
10	FULL STACK TRAINING	III YR	36	1090

Year wise value-added courses that have been completed by the students:

S.NO	<b>A.</b> Y	Total no. of	No. of	No. of Students
		Valued added	Students	Completed
		Courses	Enrolled	
1	18-19	8	3678	3554
2	19-20	14	6883	6578
3	20-21	22	12254	12047
4	21-22	11	7285	7189
5	22-23	34	15988	15207

### **5.Evidence of Success:**

MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, AUTONOMOUS has proved the success again in terms of number of placements in this pandemic situation. Best practices coming to the enlistment groups and working intimately with Officials of Talent Acquisition accomplished this milestone by putting understudies with first grade MNCs and ended up being a captivating objective for scouts to satisfy their ability procurement.

The hard work done by faculty and students resulted in the following achievements in the organization.

- Many students secured jobs through campus placements.
- Students got admissions for higher studies in top universities in the world.
- Some of the students got employment in State and Central Government.
- Few of the students became entrepreneurs and turned out to be job providers.
- Some of the students got lead positions in Multinational and National corporate companies



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### Number of Mode of the Course- offered by the HEI or Number Name of the Value-Added S.No of Students Online (Specify the platform like MOOCS, Course completing students SWAYAM, etc.) enrolled the course in the year in the year "Hello Bot: Introduction to 1 305 330 Automation Anywhere Platform RPA". Introduction to Cloud 2 340 319 IBM-Coursera Platform Computing Introduction and 3 Pohang University of Science and Technology-Programing with IoT 660 665 Coursera Platform Boards Cisco CCNA RS 4 introduction to networks through Cisco Networking 315 319 Cisco Networking Academy Platform Academy University of California, Santa Cruz-Coursera C FOR EVERYONE: 5 146 145 Platform Structured Programming **Cisco Programming** 6 essentials in C through **Cisco Networking** 600 595 **Cisco Networking Academy Platform** Academy **Cisco CCNA Exploration:** 7 **Routing Protocols and** 605 624 Cisco Networking Academy Platform Concepts **Cisco Linux Certification** 8 through Cisco Networking 654 610 **Cisco Networking Academy Platform** Academy

### AY 2018-19

Total Number of Value-Added Courses	No of Students Enrolled	No of Students Completed
8	3678	3554





### COMPLETION OF TRAINING

### September 3, 2018

### Dear P Santhoshi,

Congratulations on completing the course "Hello Bot: Introduction to RPA".

With this program, you have acquired the necessary skills to use Automation Anywhere's comprehensive enterprise-grade RPA and Digital Workforce Platform with built-in cognitive automation and analytics.

At Automation Anywhere, we believe that people who have more time to create, think and discover build great companies. We wish you continued success in all your endeavors.

Sincerely,

VP Digital Workforce & Transformation Automation Anywhere, Inc.

Address: PO Box 640007 San Jose, CA 95164

url: automationanywhereuniversity.com

Email: learning@automationanywhere.com



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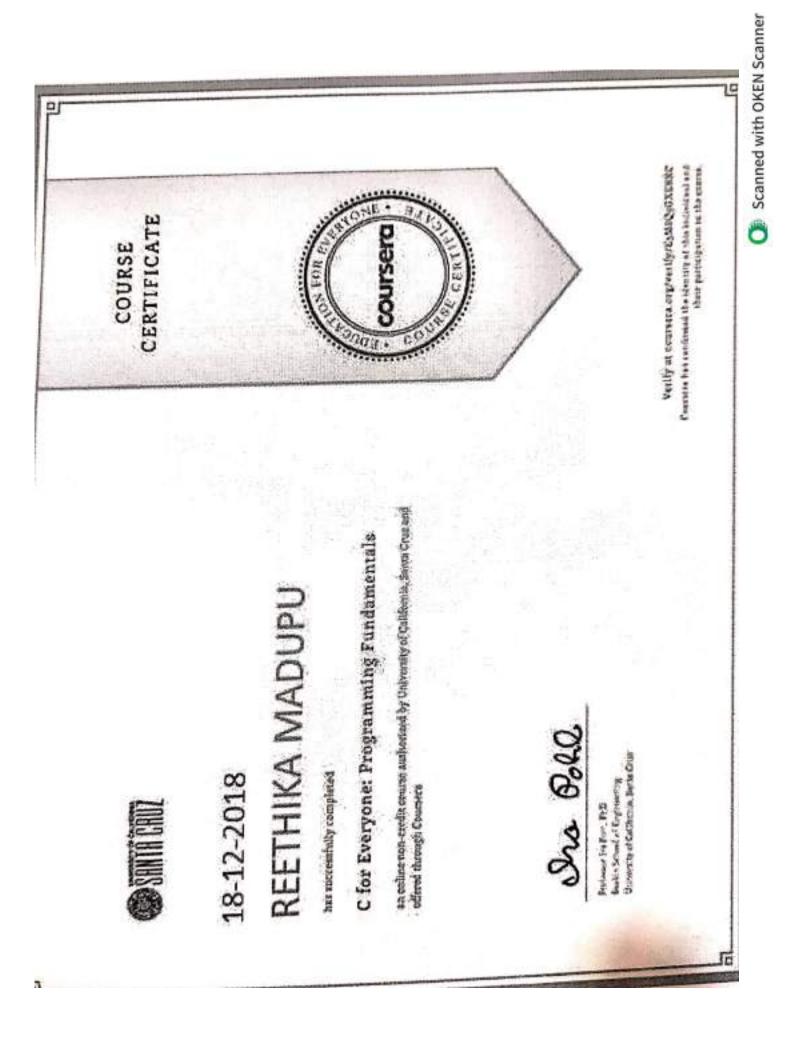
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Certificate of Course Completion	Cisco Networking Academy
Introduction to Networks	
The student has successfully achieved student level credential for completing Introduction to Networks course administered by the Undersigned instructor. The Student was able to proficiently:	completing Introduction to Networks course administered by
<ul> <li>Explain the Concept of Networks.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> <li>Create a partial LAN.</li> <li>Explain how client access internet.</li> </ul>	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco device:</li> </ul>
JADHAV PREETHI	
Student	
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
	15 Nov 2018
Location	
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A Plane



CLA: Programming Essentials in C	in C Statement of Achievemen
During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:	tered by the undersigned instructor, the student has
Kourne Juinfare Marine District Academy	This Statement of Achievement is to acknowledge that during the course CLA: Programming Essentials in C, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the C language.
	By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.
MYANA KAVYA	
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
Academy Name India	10 Jan 2019
Location	Dete
pavan kumar BVSP	
Instructor	

Cisco Networking Academy		The student has successfully achieved student level credential for completing Introduction to Routing and Switching course administered by the Undersigned instructor. The Student was able to proficiently:	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco devices.</li> </ul>			15 Mar 2019	Detre		
Certificate of Course Completion	<b>CCNA:</b> Routing and Switching	The student has successfully achieved student level credential for completing Intradministered by the Undersigned instructor. The Student was able to proficiently:	<ul> <li>Explain the Concept of Routing.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home router.</li> <li>Create a partial switch.</li> <li>Explain how client access internet.</li> </ul>	AMBATI SWAPNA	Student MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	Academy Name India	Location	Kaure Juinfare Bantana 19 2 General Managur, Class Natworking Academy	

E Professional Linux Professional Linux Institute	M
Dear SINGANI HEMA,	2019
Congratulations on successfully completing the NDG Linux Essentials course in the Cisco Networking Academy. By completing this course you are now prepared to earn the Linux Essentials Professional Development Certificate from the Linux Professional Institute (LPI).	o earn
Today's job market is competitive, but the rewards are worth it. With employers reporting they are paying salaries well above company norms, paying out bigger bonuses and offering tlexible schedules, there has never been a better a time to have strong Linux abilities. Verifying your skills with a professional certificate can be a great way to stand out from other candidates, by proving you have the technical abilities required for the job. Become a stronger prospect in the job market by pairing our certificate with other industry-recognized certifications such as Cisco Certified Network Associate (CCNA).	way to the with
Obtaining the Linux Essentiats Professional Development Certificate shows that your	
<ul> <li>Understand the Linux operating system</li> <li>Have demonstrated the ability to navigate a Linux system</li> <li>Can execute the power of the Linux command line</li> <li>Possess knowledge of Linux security and file permissions</li> <li>Have the motivation to advance your IT cereer</li> </ul>	
To help you accelerate your career we'd like to offer you 20% off of the Linux Essentials Professional Development Certificate today. To get started, visit: https://www.jpi.org/netacadLE	
We hope you'll continue your Linux studies with the NDG introduction to Linux I course. This course prepares you for the LPIC-1 101 Exam, the first of two towards the LPIC-1 Linux Server Professional certification from the Linux Professional Institute (LPI). The LPIC-1 certification will show you have the in-demand Linux skills that employers are seeking.	U.
Again, congratulations and we wish you continued success!	
Sincerely,	
The second secon	
3. Matthew Rice Executive Director chux Professional Institute	
www.ipi.org   info@ipi.org   @LPIConnect	

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# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN



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### AY 2019-20

S.No	Name of the Value- Added Course	Mode of the Course- offered by the HEI or Online (Specify the platform like MOOCS, SWAYAM, etc.)	Number of students enrolled in the year	Number of Students completing the course in the year
1	Cisco CCNA RS Introduction to Networks through Cisco Networking Academy	Cisco Networking Academy Platform	322	313
2	Cisco Programming Essentials in C through Cisco Networking Academy	Cisco Networking Academy Platform	322	300
3	Cisco CCNA Exploration: Routing Protocols and Concepts	Cisco Networking Academy Platform	655	625
4	Cisco Linux Certification through Cisco Networking Academy	Cisco Networking Academy Platform	670	635
5	C FOR EVERYONE: Structured Programming	University of California, Santa Cruz-Coursera Platform	580	520
6	TCS ION CERTIFICATION ON "COMMUNICATION SKILLS"	TCS-ION Platform	430	402
7	TCS ION CERTIFICATION ON "EMAIL ETIQUETTE"	TCS-ION Platform	720	702
8	TCS ION CERTIFICATION ON "INTRODUCTION TO SOFT SKILLS"	TCS-ION Platform	322	315



# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN



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9	Creating Database Tables with SQL	Coursera Project Network- Coursera Platform	619	604
10	Machine Learning for ALL	University of London-Coursera Platform	420	407
11	Introduction and Programming with IoT Boards	Pohang University of Science and Technology-Coursera Platform	322	312
12	Introduction to Cyber Attacks	New York University-Coursera Attacks	420	400
13	Data Science Ethics	University of Michigan-Coursera Platform	661	653
14	Introduction to Cloud Computing	IBM-Coursera Platform	420	390

Total Number of Value-Added Courses	No of Students Enrolled	No of Students Completed
14	6883	6578



redential for completing Ir	<b>CCNA RS: Introduction to Networks</b>	
stworks. Is for getting online. Internet.	The student has successfully achieved student level credentis the Undersigned instructor. The Student was able to proficient	I for completing Introduction to Networks course administered by ly:
LEGE FOR WOMEN.	<ul> <li>Explain the Concept of Networks.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> <li>Create a partial LAN.</li> <li>Explain how client access internet.</li> </ul>	• •
LEGE FOR WOMEN.	PARIPELLI BHARGAVI	
	Sludent MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
	Attackemy Name	
	India	03 Sep 2019
Kaune Quintane Quintane Quintane Coo Haman Coo Haman Coo Haman	Locaban	Date
	Harry Distinctions	

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C ++ INSTITUTE C++ Institute Authorized Academy Program	Program Your Future
CLA: Programming Essentials in C	C Statement of Achievement
During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:	red by the undersigned instructor, the student has
Kourne Quintanne Laum Quintanne VP & Ganaria Managang Acadomy	This Statement of Achievement is to acknowledge that during the course CLA: Programming Essentials in C, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the C language.
	By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.
BYRAM TANUSREE	
Student	
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
India	25 Sep 2019
Location	Date
pavan kumar BVSP	
Instructor	

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Corporate Social Responsibility	e Completion
	te of Course
-Islo	Certificat

Cisco Networking Academy

CCNA Exploration: Routing Protocols and Concepts

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Describe the purpose, nature and operations of a router and routing tables
  - Describe, configure and certify router interfaces
- Explain the purpose and procedure for configuring static routes
  - Identify the characteristics of distance vector routing protocols
- Describe the network discovery process of distance vector routing protocols using Routing Information Protocol (RIP)
- Describe the functions, characteristics, and operations of the RIPv1 protocol
  - Compare and contrast classful and classless IP addressing

- Describe classful and classless routing behaviors in routed networks
  - Design and implement a classless IP addressing scheme for a given network
- Demonstrate comprehensive RIPv1 configuration skills
- Describe the main features and operations of the Enhanced Interior Geteway Routing Protocol (EIGRP)
- Describe the basic features and concepts of link-state routing protocols
- Describe the purpose, nature and operations of the Open Shortest Path First (OSPF) protocol

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Sludent

# MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.

Academy Name India

Date

05 Jan 2020

Kaure Juinfare Love Dunters

Location



E Professional Market C	
21 Jan 20 Dear KOLAN BHAGYALAKSHMI,	21 Jan 2020
Congratulations on successfully completing the NDG Linux Essentials course in the Cisco Networking Academy. By completing this course you are now prepared to earn the Linux Essentials Professional Development Certificate from the Linux Professional Institute (LPI).	spared to earn
Today's job market is competitive, but the rewards are worth it. With employers reporting they are paying salaries well above company norms, paying out bigger bonuses and offering flexible schedules, there has never been a better a time to have strong Linux abilities. Verifying your skills with a professional certificate can be a great way to stand out from other candidates, by proving you have the technical abilities required for the job. Become a stronger prospect in the job market by pairing our certificate with other industry-recognized certifications such as Cisco Certified Network Associate (CCNA).	gger bonuses a great way to r certificate with
Obtaining the Linux Essentials Professional Development Certificate shows that you:	
<ul> <li>Understand the Linux operating system</li> <li>Have demonstrated the ability to navigate a Linux system</li> <li>Can execute the power of the Linux command line</li> <li>Possess knowledge of Linux security and file permissions</li> <li>Have the motivation to advance your IT career</li> </ul>	
To help you accelerate your carreer we'd like to offer you 20% off of the Linux Essentials Professional Development Certificate today. To get started, visit: https://www.lpi.org/netacadLE	
We hope you'll continue your Linux studies with the NDG introduction to Linux I course. This course prepares you for the LPIC-1 101 Exam, the first of two towards the LPIC-1 Linux Server Professional certification from the Linux Professional Institute (LPI). The LPIC-1 certification will show you have the in-demand Linux skills that smployers are seeking.	towards the skills that
Again, congratulations and we wish you continued success!	
Sincerely,	
s. Matthew Rice Securitye Director inux Professional Institute	
www.lpi.org   info@lpi.org   @LPIConnect	

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06/04/2020

## Shambala Preethi

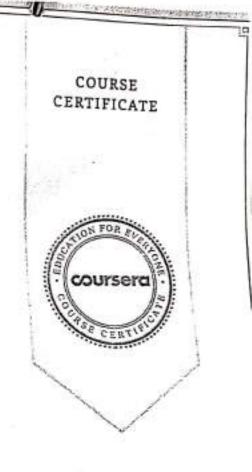
has successfully completed.

### C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and offered through Coursera.

Ino Pohl

Professor Ira Fahl, PhD Baskie School of Engineering University of Celifornio, Senta Cruz

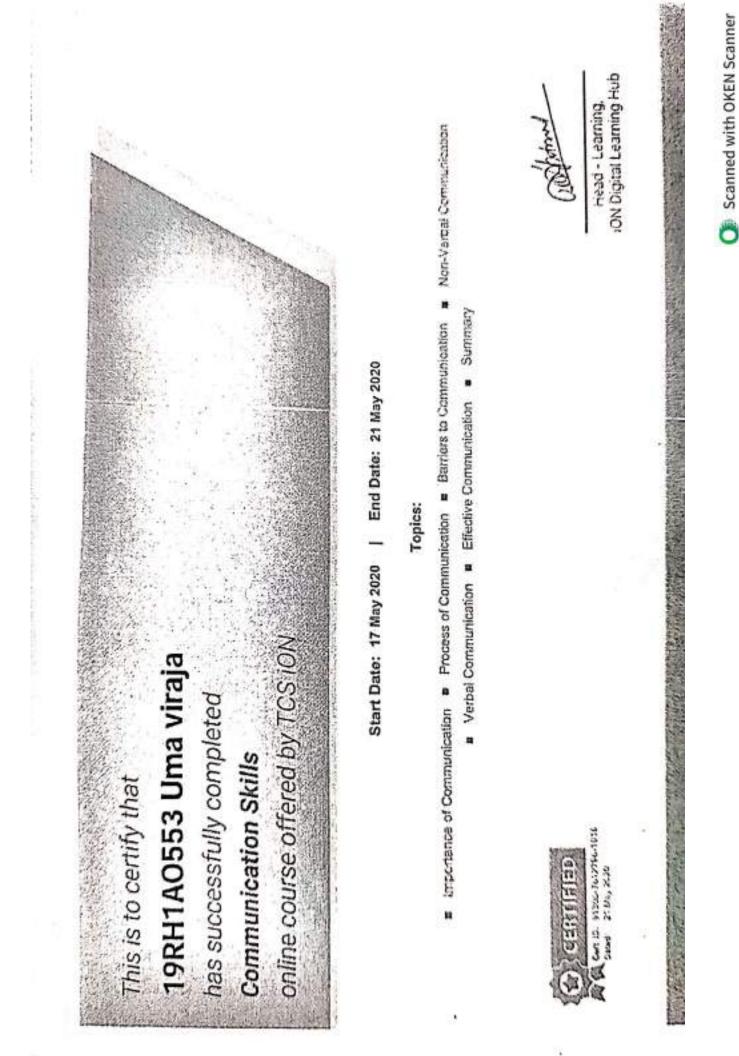


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# **Certificate of Achievement**

Congratulations!

Bhavya Irakam

for successfully completing Email Efiquette a course that covers

Formation an Email ( Da's and Conts of Ford Waters ) Case Study ( Pakits to Kemersber

Start Date: 21 May 2020

End Date: 30 May 2020

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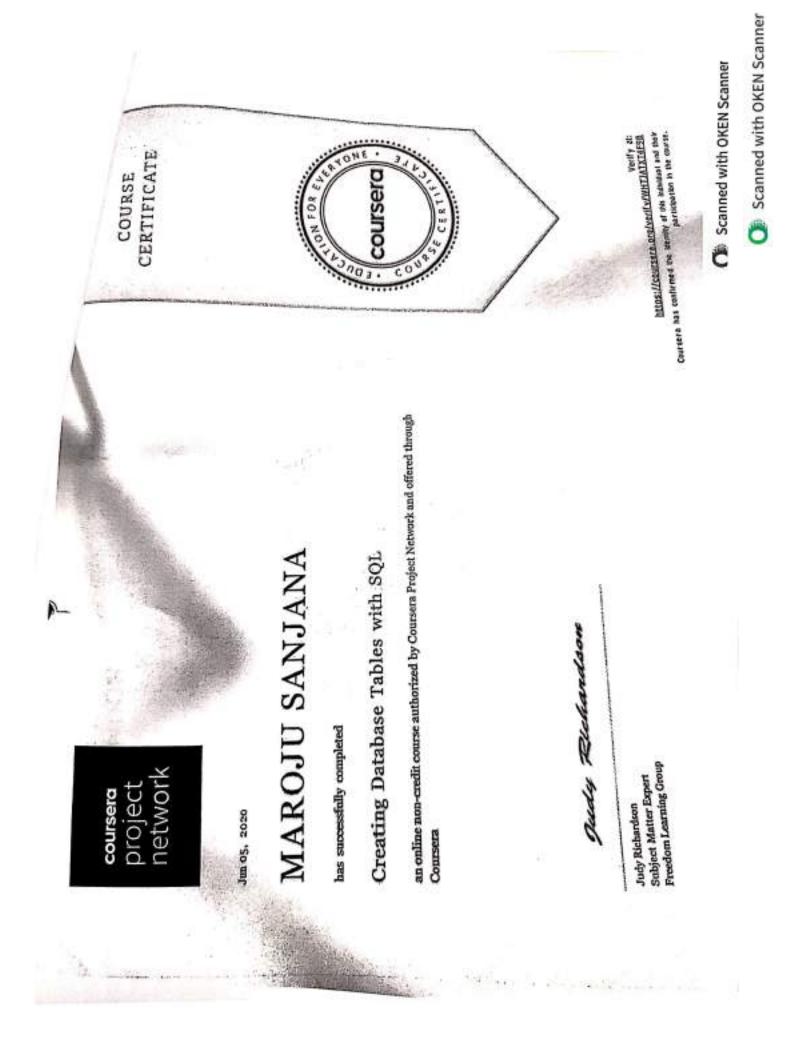
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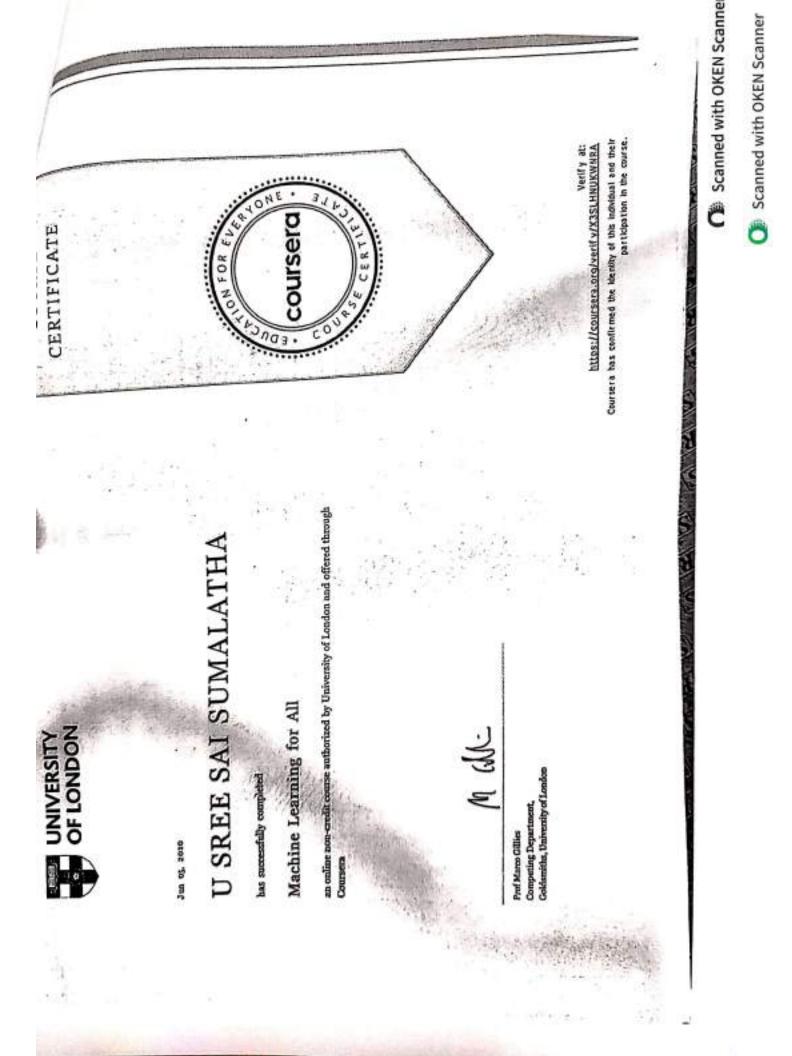


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POLAN POLANG UNIVERSITY OF SCIENCE AND TECHNOLOGY

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CERTI

Jun 05, 2020

### **GUDA AVANI**

has successfully completed.

### Introduction and Programming with IoT Boards

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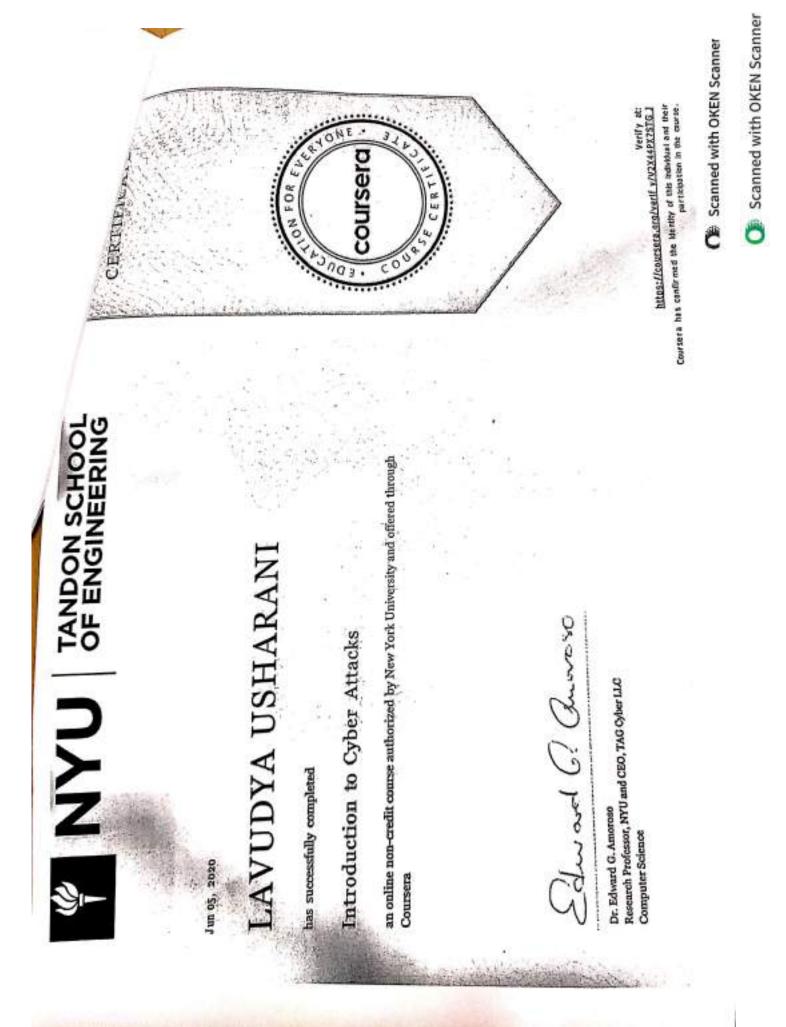
an online non-credit course authorized by Pohang-University of Science and Technology and offered through Coursera

Professor, Dept. of Computer Science and Engineering Dean, Graduate School of Information Technology Pohang University of Science and Technology <sup>Waspublic</sup> of Icarea C Scanned with OKEN Scanner

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Maisammaguda, Dhulapally, Secunderabad 500100.

### AY 2020-21

S.No	Added Course the HEI or Online (Specify the platform like MOOCS, SWAYAM, etc.)		Number of students enrolled in the year	Number of Students completing the course in the year	
1	Introduction to Cloud Identity	Google Cloud-Coursera Platform	459	451	
2	Beginning SQL Server	Coursera Project Network- Coursera Platform	459	452	
3	Introduction to Artificial Intelligence	IBM-Coursera Platform	459	450	
4	Introduction to HTML5	University of Michigan-Coursera Platform	430	421	
5	Basic Image Classification with TensorFlow	Coursera Project Network- Coursera Platform	616	604	
6	Image Super Resolution Using Autoencoders in Keras	Coursera Project Network- Coursera Platform	665	650	
7	Build a Data Base from a Relational Model	Coursera Project Network- Coursera Platform	764	746	
8	IoT wireless & Computing Emerging Technologies	Yonsei University-Coursera Platform	430	420	
9	Introduction to Cyber Security	Cisco Networking Academy Platform	720	701	
10	Python for data Science and Al		617		
11	Science and AI         IBM-Coursera Platform           Programming for         Everybody (Getting           Everybody (Getting         University of Michigan-Coursera           Started with Python)         Platform		720	605	





### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN



(Autonomous Institution-UGC, Govt. of India)

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12	Building Stock Returns heatmap with Tableau	Coursera Project Network- Coursera Platform	425	400	
13	Cisco Programming essentials in C through Cisco Networking Academy	Cisco Networking Academy Platform	650	650	
14	CISCO Python Certification through Cisco Networking Academy	sco Networking Academy atform 720		720	
15	ORACLE JAVA Certification	ORACLE Platform	21	21	
16	Cisco CCNA RS Introduction to Networks through Cisco Networking Academy	Cisco Networking Academy Platform	600	600	
17	Cisco Linux Certification through Cisco Networking Academy	Cisco Networking Academy Platform	600	600	
18	Introduction of Packet Tracer	troduction of Cisco Networking Academy		580	
19	Cyber Security Essentials	Cisco Networking Academy Platform	700	700	
20	Networking Essentials	Cisco Networking Academy Platform	600	600	
21	Cambridge Certification on ENGLISH Enpower	University of Cambridge	940	910	
22	Pearson Certification (LSWR Skills)	Pearson-Me Pro	59	59	

Total Number of Value-Added Courses	No of Students Enrolled	No of Students Completed
22	12254	12047



Google Cloud

26/15/2020

### Bhumika Pendyala

has successfully completed

Introduction to Cloud Identity

an enhne non-credit course authonized by Google Cloud and offered through Coursers



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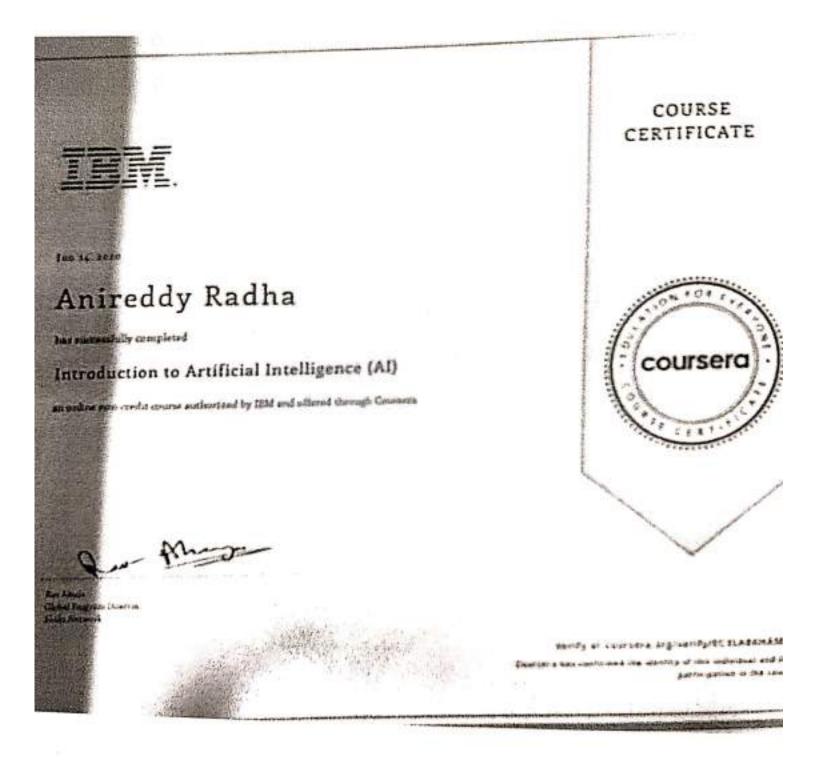
Google Cloud Training

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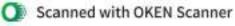


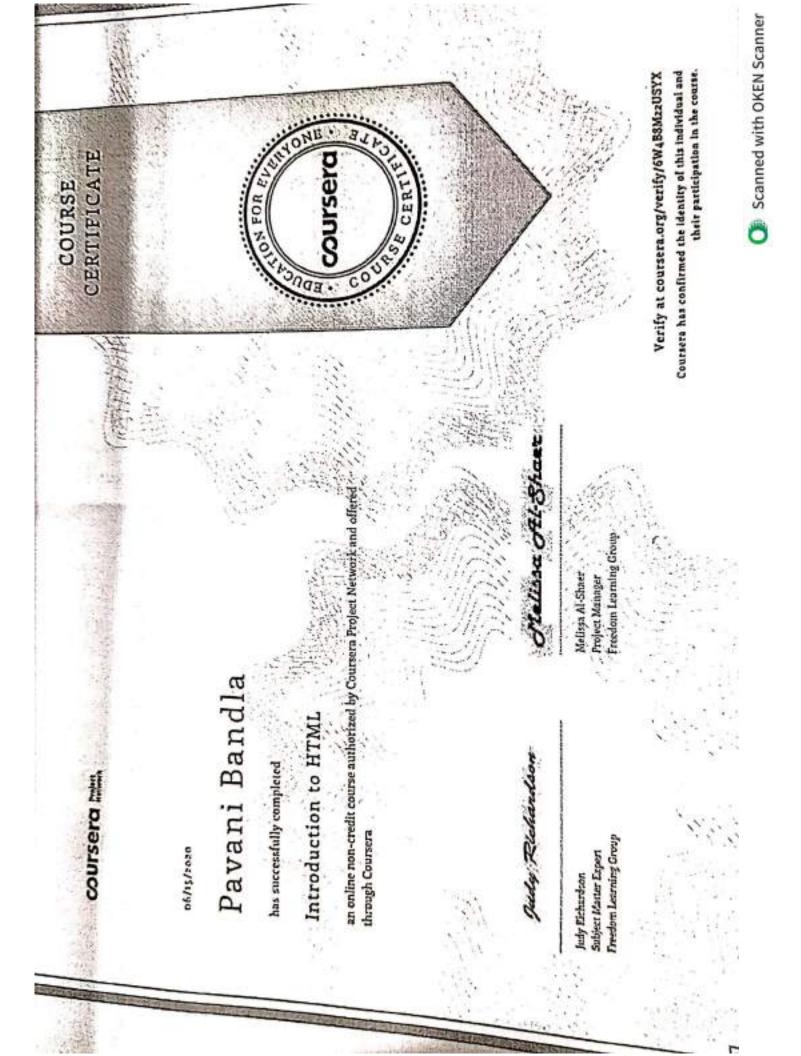












UNIVERSITY OF MICHIGAN COURSE CERTIFICATE Jul 3. soro b anusha has successfully completed Introduction to HTML5 ourser an online non-credit course authorized by University of Michigan and offered through Coursen olleer van Leve Calmonia Lose, Ph.D. Chide: Seveners Clineal Probance, School of it Interations of a felore stine, University of Michiga Unserary's Mathgan Verify at coursers.org/verify/5830GxL55655 Courses a bas confirmed the identity of this individual and their particulation on the course,



### coursera tata.

07/14/2020

### Allam Renusri

has successfully completed

Basic Image Classification with TensorFlow

an unline non-credit course authorized by Coursera Project Network and offered through Coursera

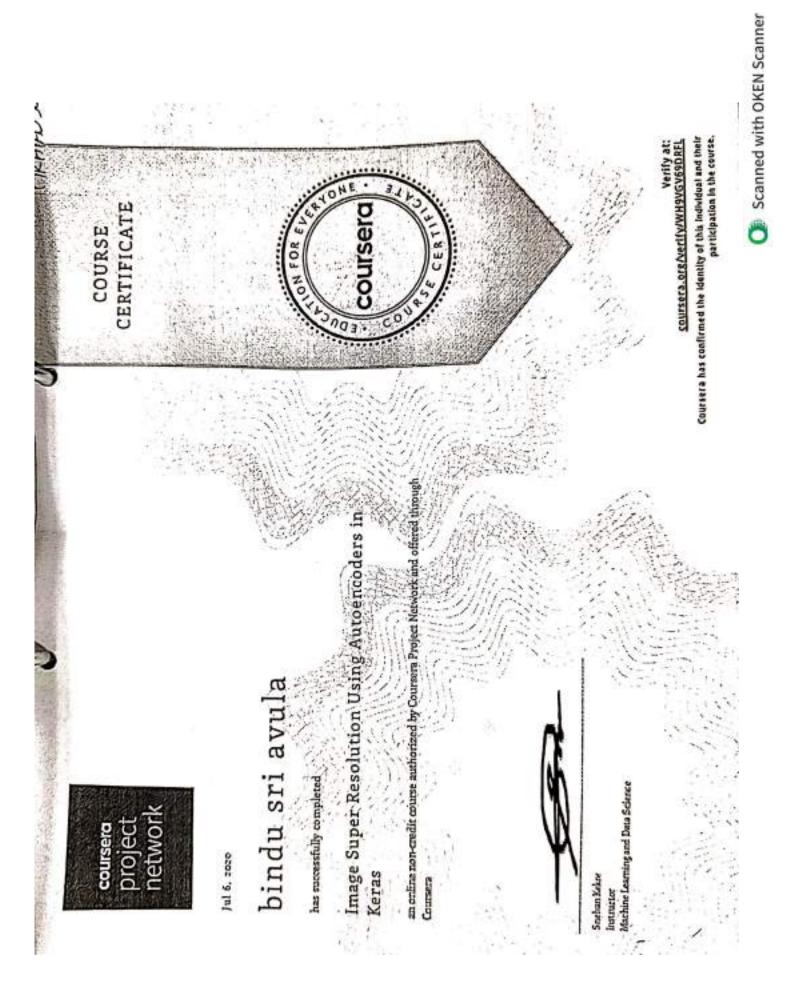
Anityala

Amit Yaday Instructor Machine Learning and Data Science



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Jul 13. 2020

### Harshitha Baratam

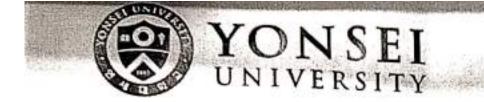
has successfully completed Build a Database from a Relational Model

an online non-credit course authorized by Coursers Project Nanourl and offered shring hi Contract



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IoT (Internet of Things) Wireless & Cloud **Computing Emerging Technologies** 

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### CISCO Responsibility

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### Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

100

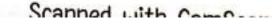
- · Global implications of cyber invests
- · Ways in which networks are vulnerable to attack
- · Impact of cyber-attacks on industries

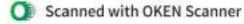
- . Coco's approach to threat detection and defense
- · Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications.

Casco Networking Academy

### SRI MDHI

- A A A A A A A A A A A A A A A A A A A		
MALLA REDOT ENGINEERING COLLEGE FOR	NOMEN	
Academy Name	22	
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a6/a9/2020

### Shambala Preethi

has successfully completed

Programming for Everybody (Getting Started with Python)

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an online non-credit course authorized by University of Michigan and offered through Courses



NY CONTRACTOR

Charles Severance Chrical Professor, School of Information University of Michigan

> Verify at coursers.org/verify/D9WzPQ7BCY6C Coursers has confirmed the identity of this individual and their participation in the course.





30-Sep-2020

### 19RH1A05P8 Anusha Yerra

has successfully completed

### Building Stock Returns Heatmap with Tableau

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Church

Bekhnutek Ochilov, ACST Investment Analyse

### coursera.org/verify/H3UQ

COURSE CERTIFICATE

ourser

Coursera has confirmed the identity of this individua participation in t



CICA: Endogramming Essentials in C       Statement of Achievement is a actionated instructor, the student has studied the following skills:         During the Cisco Networking Academy® course, administered by the undersigned instructor, the student has studied the following skills:       This Statement of Achievement is to actionated the student has been able to active scale to active scale to active scale to according the scale of programming testeritists in C, the student has been able to accomplish coding tester scales of programming.         Matterior       Matterior       Statement of Achievement is to actionated to the basics of programming testeritists in C, the student has been able to accomplish coding tester scales of programming.         Matterior       Matterior       Statement of Achievement is to actionated to the basics of programming.         Matterior       Matterior       Statement of Achievement is to active scale to active scale to accord to the basics of programming.         Matterior       Matterior       Statement of Achievement is to active scale to active scale to active device device scale to active device device scale to active device device active device device scale to active device device device device active device device active device active device device active device acti	Clatement of A shiered
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COLLEGE FOR WOMEN.	signed instructor, the student has
COLLEGE FOR WOMEN.	This Statement of Achievement is to acknowledge that during the course CLA: Programming Essentials in C, the student has been able to accomplish coding tasks related to the basics of programming, and understands the programming techniques, customs and vocabulary used in the C language.
ENGINEERING COLLEGE FOR WOMEN. BVSP	By completing the course, the student is now ready to attempt the qualification CLA – C Programming Language Certified Associate Certification, from the C++ Institute.
A REDDY ENGINEERING COLLEGE FOR WOMEN. yName n n kumar BVSP or	
r Name	
n kumar BVSP	
i kumar BVSP	
Instructor	

PVTHON INSTITUTE Constant Amount (And	OpenEDC Pythen Institute Authorized Academy Program	SOPEN EDG
Statement of Achievement PCAP: Programn	Statement of Achievement PCAP: Programming Essentials in Python	
The graduate of the PCAP: P. provided by Cisco Networking	The graduate of the PCAP: Programming Essentials in Python course, administered by the undersigned instructor, and provided by <b>Cisco Networking Academy®</b> in collaboration with <b>OpenEDG Python Institute</b> :	ed by the undersigned instructor, and
<ul> <li>knows the universal concepts of or</li> <li>can proficiently use the developer</li> </ul>	<ul> <li>knows the universal concepts of computer programming, including veriables, data structures, algorithms, control flow, functions, and exceptions;</li> <li>can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;</li> </ul>	control flow, functions, and exceptions; ython language;
<ul> <li>can write Python programs using s</li> <li>forows how to work with modules a</li> <li>understands the fundamentals of o</li> </ul>	<ul> <li>can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;</li> <li>knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;</li> <li>understands the fundamentals of object-oriented programming (OOP) and the way they are adonted to behave.</li> </ul>	ost common standard library functions in Python solve typical implementation problems; ors, and closures; behave
SANGAM VAISHNAVI		
Student MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	OLLEGE FOR	
Academy Name		
India	21 Dec 2020	
Location	Date	
Kaure Juinfara Lava Cantan VP & Connes Manager, Cisco Navaring Academy		
		www.netacad.com   www.pythoninstitute.org

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# CERTIFICATE OF RECOGNITION



Chintakindi Bhuvana Lekha

Oracle Certified Associate, Java SE 8 Programmer

RECOGNIZED BY ORACLE CORPORATION AS AN THIS CERTIFIES THAT ABOVE NAMED IS ORACLE CERTIFIED ASSOCIATE.

December 26, 2020

DATE

DAMIEN CAREY

SENIOR VICE PRESIDENT, ORACLE UNIVERSITY

CISCO. Responsibility Certificate of Course Cempletion	Cisco Networking Academy
<b>CCNA RS: Introduction to Networks</b>	
The student has successfully achieved student level credential for completing Introduction to Networks course administered by the Undersigned instructor. The Student was able to proficiently:	for completing Introduction to Networks course administered by
<ul> <li>Explain the Concept of Networks.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> </ul>	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco devices.</li> </ul>
<ul> <li>Create a partial LAN.</li> <li>Explain how client access internet.</li> </ul>	
MADUPU AMULYA	
Student	
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
Actidenty Name India	of Lin Assoc
Location	Date
Kaure Buinfarre Laure Durtens Me & General Manager, Claco Networking Academy	

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Der Amrumanul,     Linux       Institute     Institute	Congratulations on successfully completing the NDG Linux Essentials course in the Cisco Networking Academy. By completing this course you are now prepared to earn the Linux Essentials Professional Development Certificate from the Linux Professional Institute (LPI).	Today's job market is competitive, but the rewards are worth it. With employers reporting they are paying salaries well above company norms, paying out bigger bonuses and offering flexible schedules, there has never been a better a time to have strong Linux abilities. Verifying your skills with a professional certificate can be a great way to stand out from other candidates, by proving you have the technical abilities required for the job. Become a stronger prospect in the job market by pairing our certificate with other industry-recognized certifications such as Cisco Certified Network Associate (CONA).	Obtaining the Linux Essentials Professional Development Certificate shows that you:	<ul> <li>Understand the Linux operating system</li> <li>Have demonstrated the ability to navigate a Linux system</li> <li>Can execute the power of the Linux command line</li> <li>Possess knowledge of Linux security and file permissions</li> <li>Have the motivation to advance your iT career</li> </ul>	To help you accelerate your career we'd like to offer you 20% off of the Linux Essentials Professional Development Certificate today. To get started, visit: https://www.lpi.org/netacadLE	We hope you'll continue your Linux studies with the NDG introduction to Linux I course. This course prepares you for the LPIC-1 101 Exam, the first of two towards the LPIC-1 Linux Server Professional certification from the Linux Professional Institute (LPI). The LPIC-1 certification will show you have the in-demand Linux skills that employers are seeking.	Again, congratulations and we wish you continued success!			G. Matthew Rice Executive Director Linux Professional Institute	www.lpi.org   info@lpi.org   @LPIConnect
Dear AMRU	Congratulations the Linux Esser	Today's job ma and offering flev stand out from other other industry-n	Obtaining the Li	Have demo     Have demo     Can execu     Possess kr     Have the n	To help you acc https://www.ipi.o	We hope you'll continue LPIC-1 Linux Server Pri employers are seeking.	Again, congratuli	Sincerely,	the second	G. Matthew Rice Executive Director Linux Professional	

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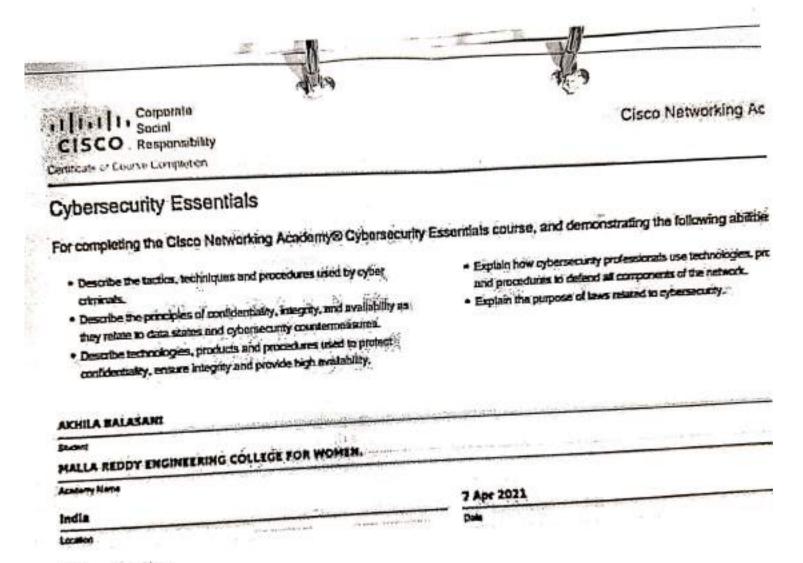
### Cisco Networking Academy

### 11111 Corporate CISCO. Responsibility

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(I a completing the state	emy® Introduction to Packet Tracer course.
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SHEETHALA AKKENAPALLI	
Score	
MALLA REDDY ENGINEERING COLLEGE FOR W	VOMEN.
Academy Name	
India	4 Apr 2021
Localion	Dato
savan kumar OVSP	Automation and a second
www.www.	Instructor Signature





Laure Quintana



CISCO. Responsibility Certificate of Course Completion	
Networking Essentials	
The student has successfully achieved student level credential fo the Undersigned instructor. The Student was able to proficiently:	The student has successfully achieved student level credential for completing Introduction to Networks course administered by the Undersigned instructor. The Student was able to proficiently:
<ul> <li>Explain the Concept of network communication.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> <li>Explain the importance of standards and protocol in network communications.</li> </ul>	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco devices.</li> <li>Explain the DHCP address assignment process.</li> <li>Explain the principles of IPv4 and IPv6 address manager</li> </ul>
RAMAVATH PRAVALIKA	
Student MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
Academy Name	11 Apr 2021
Location	Date
Kann Juintana Danna VP & General Manger, Cizo Networking Academy	

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## **Certificate of Completion**

This is to certify that Ashritha Akati has participated and completed Cambridge English Empower Level C1 course

at Malla Reddy Engineering College for Women (MRECW).

Business Head – HE&A Himanshu Matta

Cambridge University Press & Assessment

Cambridge University Press & Assessment is a non-teaching department of the University of Cambridge

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### ompletion ertifcate

Pearson

### From the makers of PTE & World's first global English standard - GSE

This is to certify that

### GAJULA SUPRAJA

has successfully completed MePro Level 10



### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

Accredited by NBA & NAAC with 'A' Grade Approved by AICTE, Affiliated to JNTUH, ISO 9001:2015 Certified Institution



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Maisammaguda, Dhulapally, Secunderabad 500100.

### AY 2021-22

S.No	Name of the course/program	Mode of the Course- offered by the HEI or Online (Specify the platform like MOOCS, SWAYAM, etc.)	Number of students enrolled in the year	Number of Students completing the course in the year
1	Cisco CCNA RS introduction to networks through Cisco Networking Academy	Cisco Networking Academy Platform	831	831
2	Cisco Programming essentials in C through Cisco Networking Academy	Cisco Networking Academy Platform	990	940
3	CISCO Python Certification through Cisco Networking Academy	Cisco Networking Academy Platform	780	780
4	Cisco Linux Certification through Cisco Networking Academy	Cisco Networking Academy Platform	588	588
5	Introduction to Cyber Security	Cisco Networking Academy Platform	580	580
6	Cyber Security Essentials	Cisco Networking Academy Platform	580	580
7	Introduction of Packet Tracer	Cisco Networking Academy Platform	580	580
8	Networking Essentials	Cisco Networking Academy Platform	791	791
9	Cisco Introduction to IoT through Cisco Networking Academy	Cisco Networking Academy Platform	65	65
10	Cambridge Certification on ENGLISH Enpower	University of Cambridge	996	950
11	Pearson Certification (LSWR Skills)	Pearson-Me Pro	504	504

Total Number of Value-Added Courses	No of Students Enrolled	No of Students Completed
11	7285	7189



	5 Mar 2022	DDY ENGINEERING COLLEGE FOR WOMEN.	AKSHAYA	CISCO. Responsibility Certificate of Course Completion Introduction to Packet Tracer For completing the Cisco Networking Academy® Introduction to Packet Tracer course.	Ry Cisco cis
	Date	5 Mar 2022 Date	5 Mar 2022	5 Mar 2022	Deting the Cisco Networking Academy® Introduction to Packet Tracer course.
Kauren Bruinfanne Lages General Manaper, Cisco Hetworting Academy VP & General Manaper, Cisco Hetworting Academy		ar 2022	5 Mar 2022	5 Mar 2022	pleting the Cisco Networking Academy® Introduction to Packet Tracer course. U AKSHAYA U AKSHAYA LIDDY ENGINEERING COLLEGE FOR WOMEN. International College For Women.
LEGE FOR WOMEN. 5 Mar 2022 Date	GEEKURU AKSHAYA Student MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	U AKSHAYA		For completing the Cisco Networking Academy® Introduction to Packet Tracer course.	
Introduction to Packet Tracer course.	pleting the Cisco Networking Academy® Introduction to Packet Tracer course. U AKSHAYA LEDY ENGINEERING COLLEGE FOR WOMEN.	pleting the Cisco Networking Academy® Introduction to Packet Tracer course. U AKSHAYA	pleting the Cisco Networking Academy® Introduction to Packet Tracer course.		

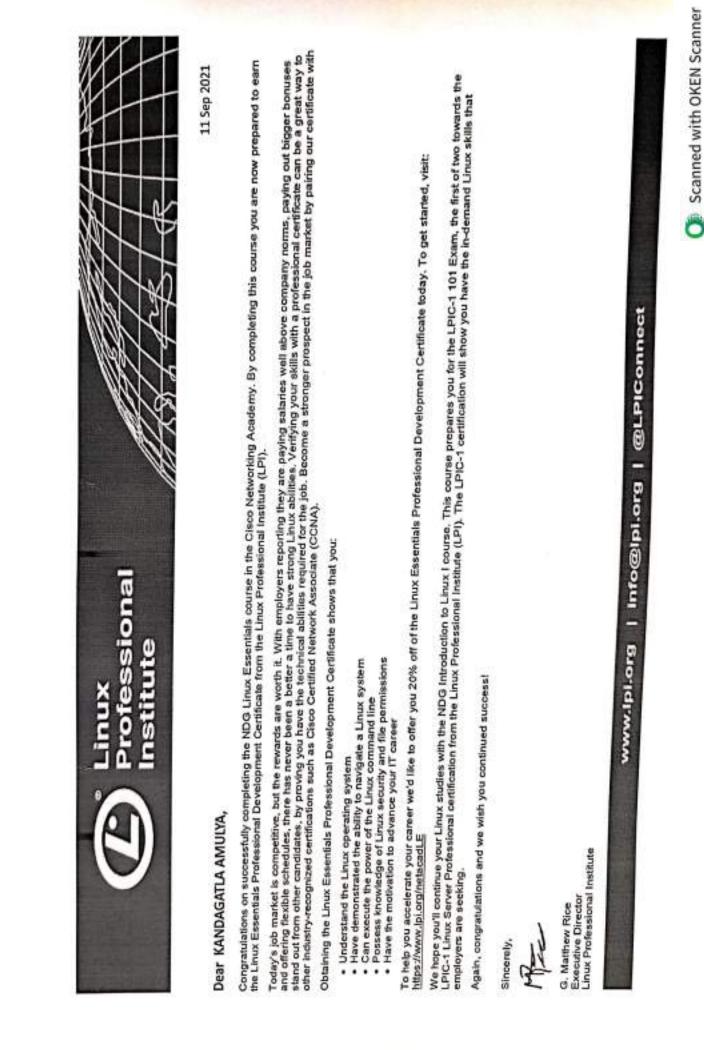
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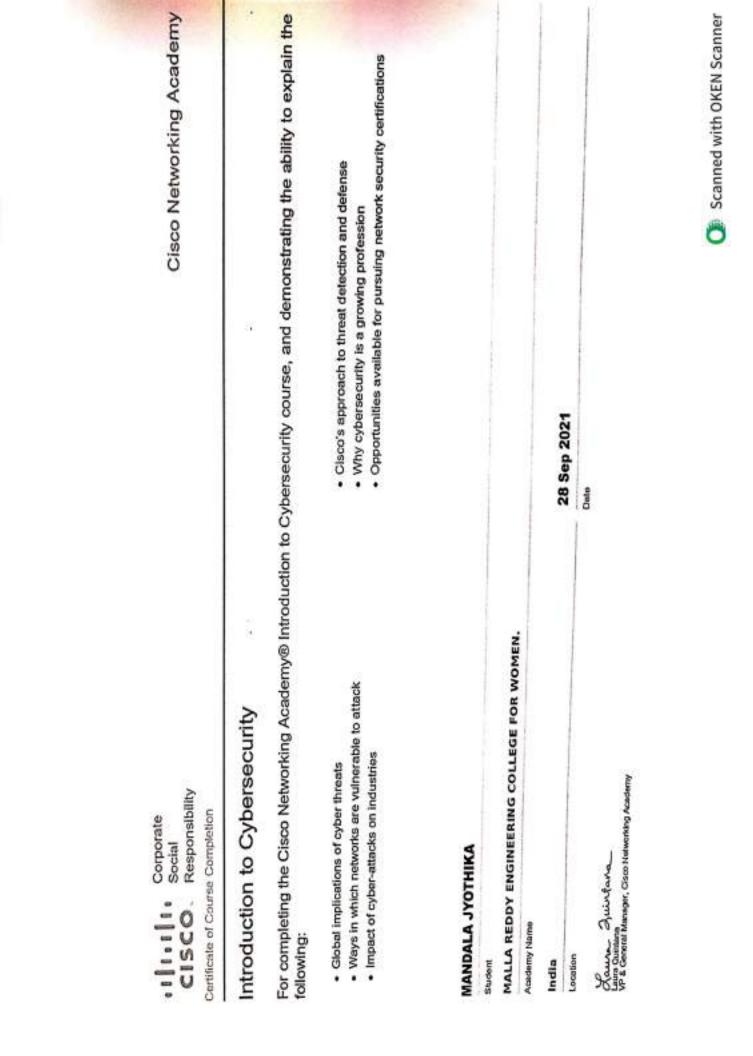
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***	Program Your Future
INSTITUTE C++ thatkute Authorized Academy Pro-	Program Statement of Achievement
CPA: Programming Essentials in C++	ntials in C++
During the Cisco Networking Academy® self-pa	During the Cisco Networking Academy® self-paced course, the student has studied the following skills:
Kauren guintfarre- Laura Quintena VP & Gennal Maneger, Caro Networking Academy	This Statement of Achievement is to acknowledge that during the course CPA: Programming Essentials in C++, the student has been able to accomplish coding tasks related to the basics of programming in the C++ language, and understands the fundamental notions and techniques used in object-oriented programming.
	By completing the course, the student is now ready to attempt the qualification CPA – C++ Certified Associate Programmer Certification, from the C++ Institute.
Mi man	PRANITHA PAWAR Student
Maciej Wichary VP - OpenEDG C++ Institute	24 July 2021 Date

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• I ] I • I ] I • Corporate         • I ] I • I ] I • Social         CISCO.         Responsibility         Cartificate of Course Completion	Cisco Networking Academy
Networking Essentials	
The student has successfully achieved student level credential for completing Introduction to Networks course administered by the Undersigned instructor. The Student was able to proficiently:	completing Introduction to Networks course administered b
<ul> <li>Explain the Concept of network communication.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> <li>Explain the importance of standards and protocol in network communications.</li> </ul>	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco devi</li> <li>Explain the DHCP address assignment process.</li> <li>Explain the principles of IPv4 and IPv6 address m</li> </ul>
VEMULA ASHRITHA	
Student MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.	
Academy Name	
India	23 Oct 2021
Kaun Juinfane Kan Juinfane Inem Duinten VP & General Managur, Cisco Natworking Academy	Date
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### From the makers of PTE & World's first global English standard - GSE

This is to certify that

### Jarupula Shailu

has successfully completed MePro Level 4

Pearson Pearson MePro

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26/02/2022



CISCO. Responsibility     CISCO. Responsibility     Contract Completion	Cisco Networking Academy
Cybersecurity Essentials	
For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:	sentials course, and demonstrating the following abilities:
<ul> <li>Describe the factics, techniques and procedures used by cyber criminals.</li> <li>Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.</li> <li>Describe technologies, products and provide high availability.</li> </ul>	<ul> <li>Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.</li> <li>Explain the purpose of laws related to cybersecurity.</li> </ul>
KORIVI INDU	
Sudert MALLA REDDY ENGINEEDING COLLEGE EOD WOMEN	
Academy Name	
India	28 Dec 2021
Location	Deto
Kaussen Djuis-Ransen Barrense Annager, Cisco Hallenting Academy	

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Iraduate of the <i>PCAP: Programming</i> Essentials in <i>Python</i> course, administered led by Cisco Networking Academy <sup>®</sup> in collaboration with OpenEDG Python Institutions, or nows the universal concepts of computer programming, including variables, data structures, algorithms, or am proficiently use the developer tools, the number, and the syntax and semantics of the <i>Python</i> and the python programming techniques, best practices, customs, and vocabulary, including the morean write Python programming techniques, process text and knows the means by which to resonance took to the python programming techniques, process text and knows the means by which to resonance tow to work with modules and packages, process text and knows these and use generators, iterator understands the fundamentals of object-oriented programming (OCP) and the way they are adopted in Pythan <b>NAVYA A REDDY ENGINEERING COLLEGE FOR Vision 28 Jan 2022 1 29 Jan 2022 1 1 21 21 23 Jan 2022 23 23 24 24 24 25 25 26 26 26 26 27 27 28 Jan 2022 28 Jan 2022 28 Jan 2022 28 Jan 2022 38 Ja</b>	PCAP: Programming Esse	ng Essentials in Python
<ul> <li>e. knows the universal concepts of computer programming, including variables, data structures, algorithms, control few, functions, and exceeptions;</li> <li>e. em proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language:</li> <li>e. ean write Python programming techniques, best practices, customs, and vocabulary, including the must common standard library functions in Python 3:</li> <li>e. ean write Python programme using standard language infrastructure, and knows the means by which to resolve typical implementation proteines;</li> <li>e. ean write Python programme using standard language infrastructure, and knows the means by write the must common standard library functions in Python 3:</li> <li>e. ean write Python programme using standard language infrastructure, and knows the means by write the must common standard library functions in Python 3:</li> <li>e. ean write Python intervent or object-oriented programming (OCP) and the way they are adopted in Python.</li> <li>E. E. E</li></ul>	he graduate of the PCAP: Pro	premming Essentials in Python course, administered by the undersigned instructor, and cademy <sup>®</sup> in collaboration with OpenEDG Python Institute:
an use fundamental programming techniques, best practices, customs, and vocabulary, including the most an write Python programs using standard language infrastructure, and knows the means by which to reso mows how to work with modules and packages, process text and binary files, and use generators, iterator inderstands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Pyr ANAVA ANAVA A REDDY ENGINEERING COLLEGE FOR EN. y Name 28 Jan 2022 Juintfand Caso transition Manaper, Caso transition Manaper, Caso transition	<ul> <li>knows the universal concepts of con</li> <li>can proficiently use the developer to</li> </ul>	puter programming, including variables, data structures, algorithms, control flow, functions, and exceptions; its, the runtime environment, and the syntax and semantics of the Python language;
anows how to work with modules and packages, process text and binary files, and use generators, iterator understands the fundamentals of object-ortented programming (OCP) and the way they are adopted in Py <b>A NAVYA</b> A REDDY ENGINEERING COLLEGE FOR  A REDDY ENGINEERING COLLEGE FOR  A NAVYA  A REDDY ENGINEERING COLLEGE FOR  A REDDY ENGINE  A REDDY ENGINEERING COLLEGE FOR  A NAVYA  A REDDY ENGINE  A NAVYA  A REDDY ENGINEERING COLLEGE FOR  A NAVYA  A REDDY ENGINE  A NAVYA  A REDDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A NAVYA  A REDDY ENGINE A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A NAVYA  A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGINE A REDY ENGINE A REDY  A REDY ENGINE A REDY ENGIN	can use fundsmental programming      can write Python programs using str	ichniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3; ndard language infrastructure, and knows the means by which to resolve typical implementation problems;
A NAVYA A REDDY ENGINEERING COLLEGE FOR EN. y Name y Name y Name y Juivforden and Manager, Caso Homonia Maderry setti Manager, Caso Homonia Maderry	<ul> <li>knows how to work with modules an</li> <li>understands the fundamentals of ot</li> </ul>	I packages, process text and binary files, and use generators, iterators, and closures; ect-oriented programming (OOP) and the way they are adopted in Python.
A REDDY ENGINEERING COLLEGE FOR EN. y Name y Name Name Name Name Name Name Name Name	AALLA NAVYA	
28 Jan 2022 Date	tudent AALLA REDDY ENGINEERING CC VOMEN.	LLEGE FOR
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		www.netacad.com   www.pythoninstitute.org

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# Certificate of Completion

This is to certify that *Amruthu Potta* has participated and completed

Cambridge English Empower Level C1 course

at Malla Reddy Engineering College for Women (MRECW).



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Arunachalam Thinnayam Krishnamurthy Business Head – HE&A Cambridge University Press & Assessment Scanned with OKEN Scanner

### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN



(Autonomous Institution-UGC, Govt. of India) Accredited by NBA & NAAC with 'A' Grade Approved by AICTE, Affiliated to JNTUH, ISO 9001:2015 Certified Institution Maisammaguda, Dhulapally, Secunderabad 500100.

### AY 2022-23

S.No	Name of the course/program	Mode of the Course- offered by the HEI or Online (Specify the platform like MOOCS, SWAYAM, etc.)	Number of students enrolled in the year	Number of Students completing the course in the year
1	Introduction to Cyber Security	Cisco Networking Academy Platform	719	719
2	Cyber Security Essentials	Cisco Networking Academy Platform	719	719
3	Introduction of Packet Tracer	Cisco Networking Academy Platform	719	719
4	Networking Essentials	Cisco Networking Academy Platform	719	719
5	Python for Data Visualization: Matplotlib and Seaborn	Coursera Project Network- Coursera Platform	125	105
6	Introduction to Cyber security Tools & Cyber Attacks	IBM-Coursera Platform	408	355
7	Peer-to-Peer Protocols and Local Area Networks	University of Colorado-Coursera Platform	255	216
8	Python for Data Science, Al & Development	IBM-Coursera Platform	520	488
9	Machine Learning with Big Data	US SanDiego-Coursera Platform	350	301
10	Advance Python - Reconnaissance	Infosec-Coursera Platform	124	105
11	Internet of Things: Communication Technologies	Yonsei University-Coursera Platform	100	84
12	Sensors and Sensor Circuit Design	University of Colorado-Coursera Platform	60	45



### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India) Accredited by NBA & NAAC with 'A' Grade Approved by AICTE, Affiliated to JNTUH, ISO 9001:2015 Certified Institution Malsammaguda, Dhulapally, Secunderabad 500100.

13	Command Line Basic	s Coursera Project Network- Coursera Platform	60	46
14	IoT Wireless & Computing Emerging Technologies		60	48
15	Introduction to Android Mobile Application Development	Mata-Coursera Platform	250	206
16	Introduction to Networks and Cisco Devices	Coursera Project Network- Coursera Platform	250	213
17	AWS S3 Basics	Coursera Project Network- Coursera Platform	560	510
18	Build your prot folio Website with HTML and CSS	Coursera Project Network- Coursera Platform	250	205
19	Introduction to Cyber Attacks	Tando School of Engineering- Coursera Platform	260	
20	Al for Everyone	DeepLearning.Al-Coursera Platform	430	240
21	Introduction to Cloud Computing	IBM-Coursera Platform	650	410
22	Relational Data Base Systems	Universidad Nacional Autonoma de Mexico-Coursera Platform		601
23	Data Visualization with Tableau Project	UC Davis-Coursera Platform	466	425
24	Block Chain Basics	The State University of New York- Coursera Platform	634	601
25	Programming for Everybody (Getting Started with Python)	University of Michigan-Coursera	250	204
6	DevOps on AWS: Code, Build and Test	AWS-Coursera Platform		560
7	Exploratory Data Analysis for Machine Learning	IBM-Coursera Platform	784	756
8	The Full Stack	Meta-Coursera Platform	720	705 692



### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

Accredited by NBA & NAAC with 'A' Grade Approved by AICTE, Affiliated to JNTUH, ISO 9001:2015 Certified Institution Maisammaguda, Dhulapally, Secunderabad 500100.

29	Cisco CCNA RS Introduction to Networks through Cisco Networking Academy	Cisco Networking Academy Platform	1000	976
30	Cisco Programming essentials in C through Cisco Networking Academy	Cisco Networking Academy Platform	870	870
31	Cisco Python Certification through Cisco Networking Academy	Cisco Networking Academy Platform	550	550
32	Advances in Remote Sensing Techniques for Geological Applications	ISRO-Govt of India	69	69
33	Cisco Linux Certification through Cisco Networking Academy	Cisco Networking Academy Platform	1124	1095
14	Cambridge Certification on ENGLISH Enpower	University of Cambridge	650	650

Total Number of Value-Added Courses	No of Students Enrolled	No of Students Completed	
34	15988	15207	

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Cisco Nerworking		urity course, and demonstrating the ability to explain	<ul> <li>Cisco's approach to threat detection and defense</li> <li>Why cybersecurity is a growing profession</li> <li>Opportunities avelable for pursting network security certifications</li> </ul>					17 Aug 2022			
CISCO. Responsibility	Introduction to Cybersecurity	For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:	<ul> <li>Global implications of cyber threats</li> <li>Ways in which metworks are vulnerable to attack</li> <li>Impact of cyber-attacks on industries</li> </ul>		ISWINI	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN		μ.	Date Ala seo hierendry Academy		
CISCO. Responsibilit Controste of Course Compretory	Introductio	For completin following:	<ul> <li>Global Imp6</li> <li>Ways in whi</li> <li>Impact of cy</li> </ul>	15	BELDARI YASHASWINI	MALLA REDDY	Academy Name	India	Locaton Rourse Acintara VP & Genera Mange, Can Herening Haising		

- 100	1.1		
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CISCO, Responsibility

Cartilicate of Course Completion

### Cybersecurity Essentials

For completing the Cisco Networking Academy® Cybersecurity Essentials course, and demonstrating the following abilities:

- Describe the tactics, techniques and procedures used by cyber criminals.
- Describe the principles of confidentiality, integrity, and availability as they relate to data states and cybersecurity countermeasures.
- Describe technologies, products and procedures used to protect confidentiality, ensure integrity and provide high availability.

### BOMMAKANTI MAMATHA 20RH1A0530

### Student

### MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.

### Academy Name

### India

Location

Laure Quintane

 Explain how cybersecurity professionals use technologies, processes and procedures to defend all components of the network.

Cisco Networking Academy

· Explain the purpose of laws related to cybersecurity.

17 Aug 2022

Date

ł C Scanned with OKEN Scanner Cisco Networking Acadeh., For completing the Cisco Networking Academy® Introduction to Packet Tracer course. And an and the second s 24 Aug 2022 Date MALLA REDDY ENGINEERING COLLEGE FOR WOMEN. the second is a subject of Introduction to Packet Tracer Kaure Juinfare Lova Quinna VP & General Manager, Cero Networking Academy CISCO - Responsibility Certaicate of Cruitsé Completion CHAMAKURA SHRESHTA l Academy Name Location India Student

### CISCO Responsibility

Certificate of Course Completion

### Networking Essentials

The student has successfully achieved student level credential for completing Networking Essentials course administered by the undersigned instructor. The student was able to proficiently:

- · Explain the concept of network communication.
- · Explain the basic requirements for getting online.
- · Build a simple home network.
- Explain the importance of standards and protocols in network communications.
- Explain how communication occurs on Ethernet networks.
- · Create a fully connected LAN.
- Explain the DHCP address assignment process.
- Explain the principles of IPv4 and IPv6 address management.
- Explain how clients access internet services.
- · Explain the function of common application layer services.
- Configure an integrated wireless router and wireless client to connect securely to the internet.
- Connect wireless PC clients to a wireless router.
- Explain how to use security best practices to mitigate attacks.

Cisco Networking Academy

- · Configure basic network security.
- · Explain how to use the Cisco IOS.
- · Build a simple computer network using Clsco devices.

### CHEDIMALA SOUMIKA REDDY

Student
MALLA REDDY ENGINEERING COLLEGE FOR WOMEN.
Academy Name
India
Location
You Substance
Location
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## Boulder | Colorado Springs | Deriver | Anachutz Medical Campus University of Colorado

Oct 16, 2022

## Dhanireddy Reddy

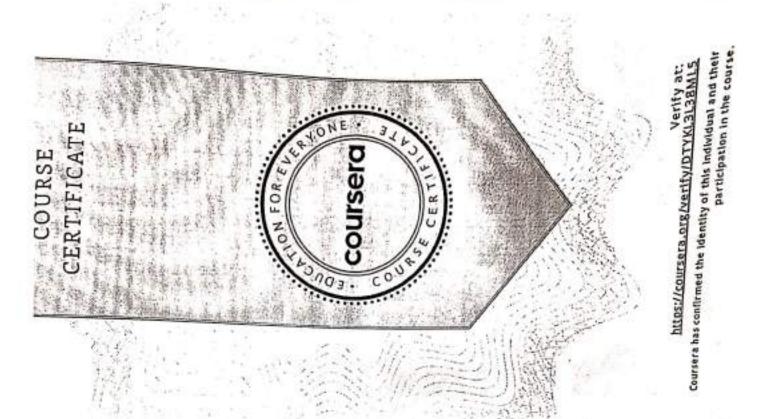
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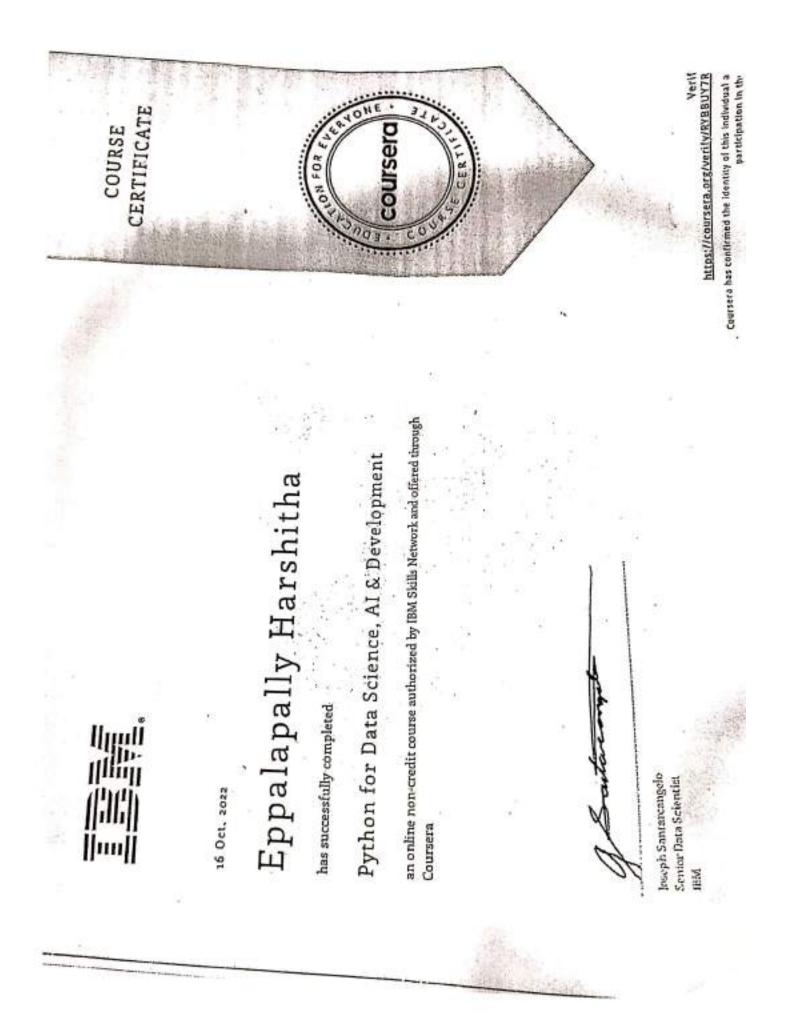
Peer-to-Peer Protocols and Local Area Networks

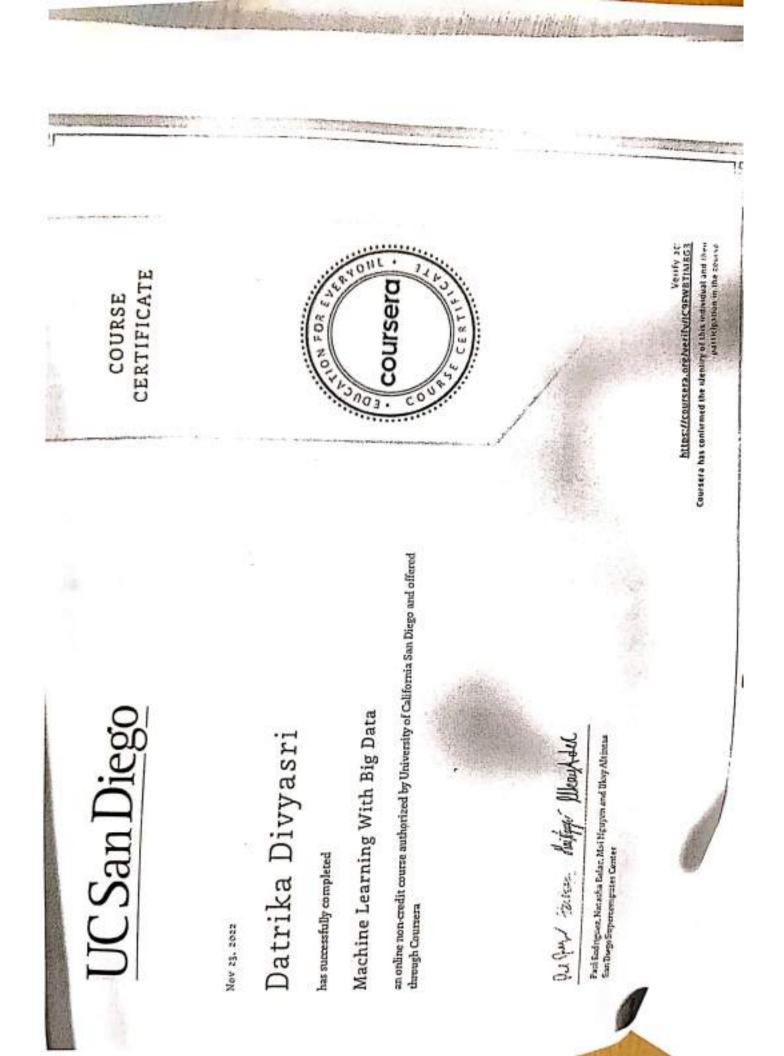
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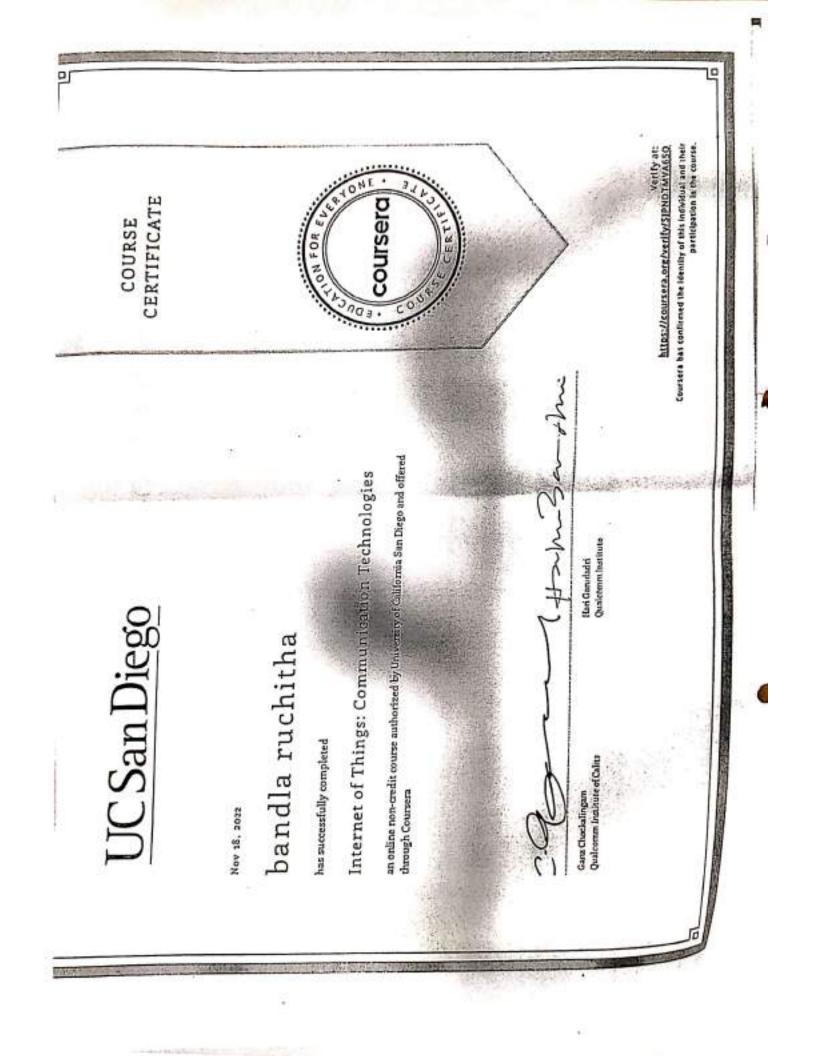
College of Engineering and Applied Sciences Professor, Interim Dean Wiaobo Zhou

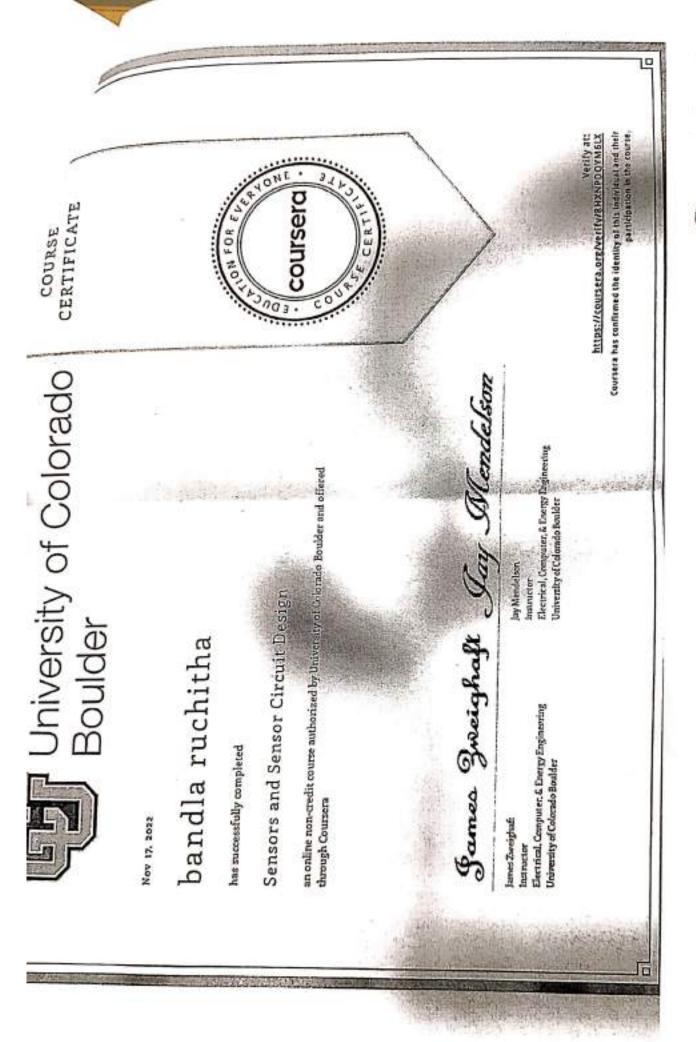




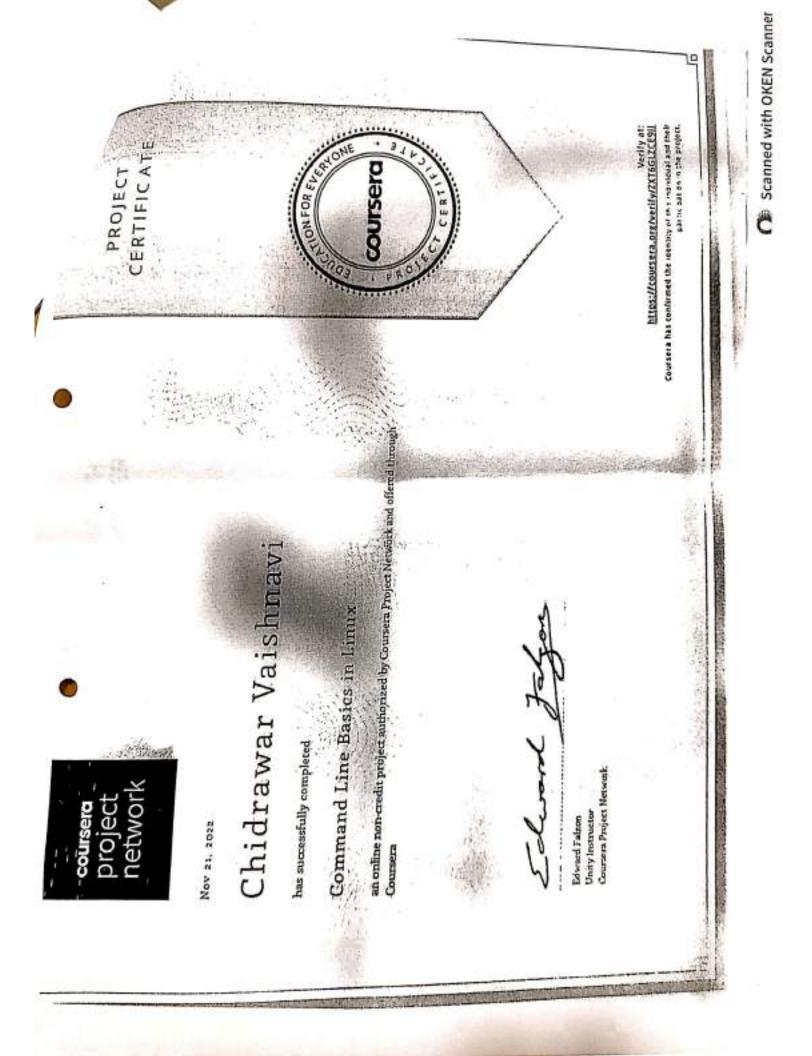


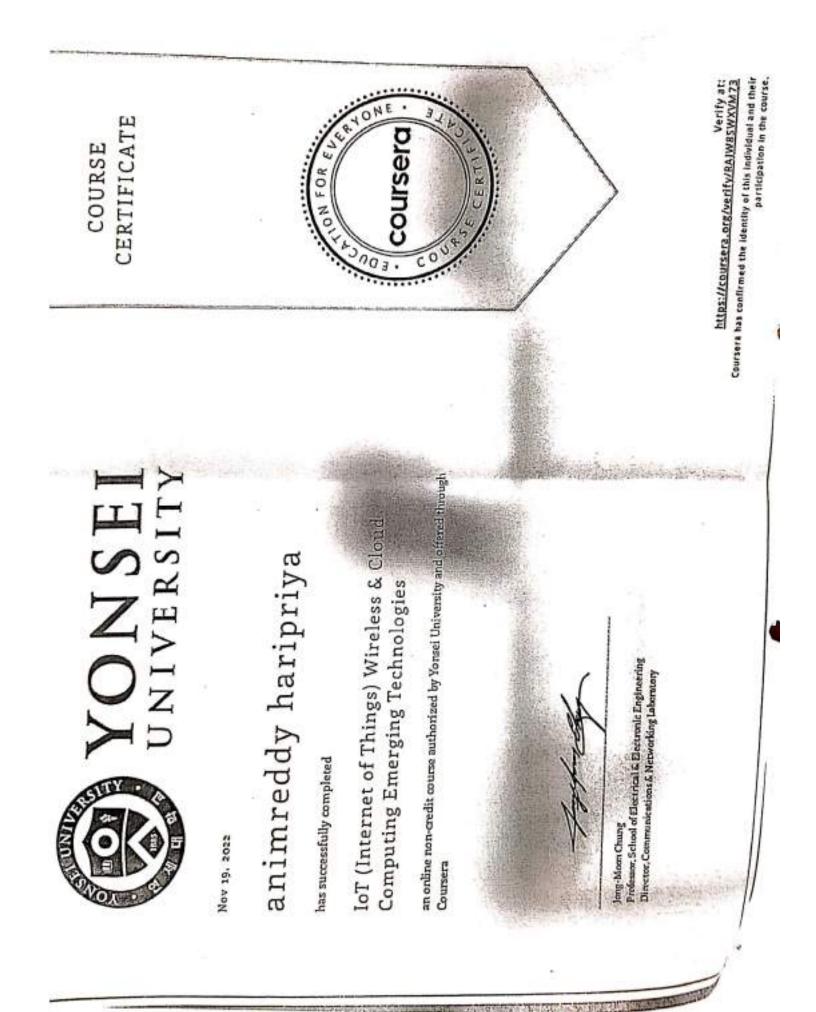
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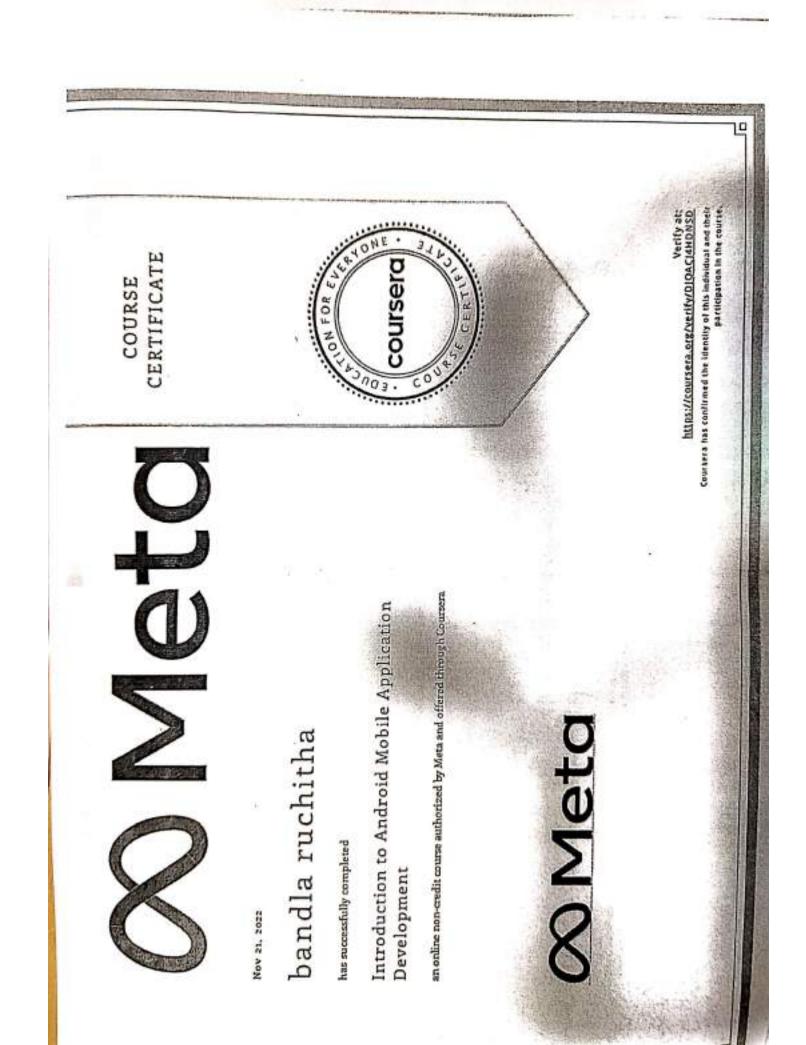




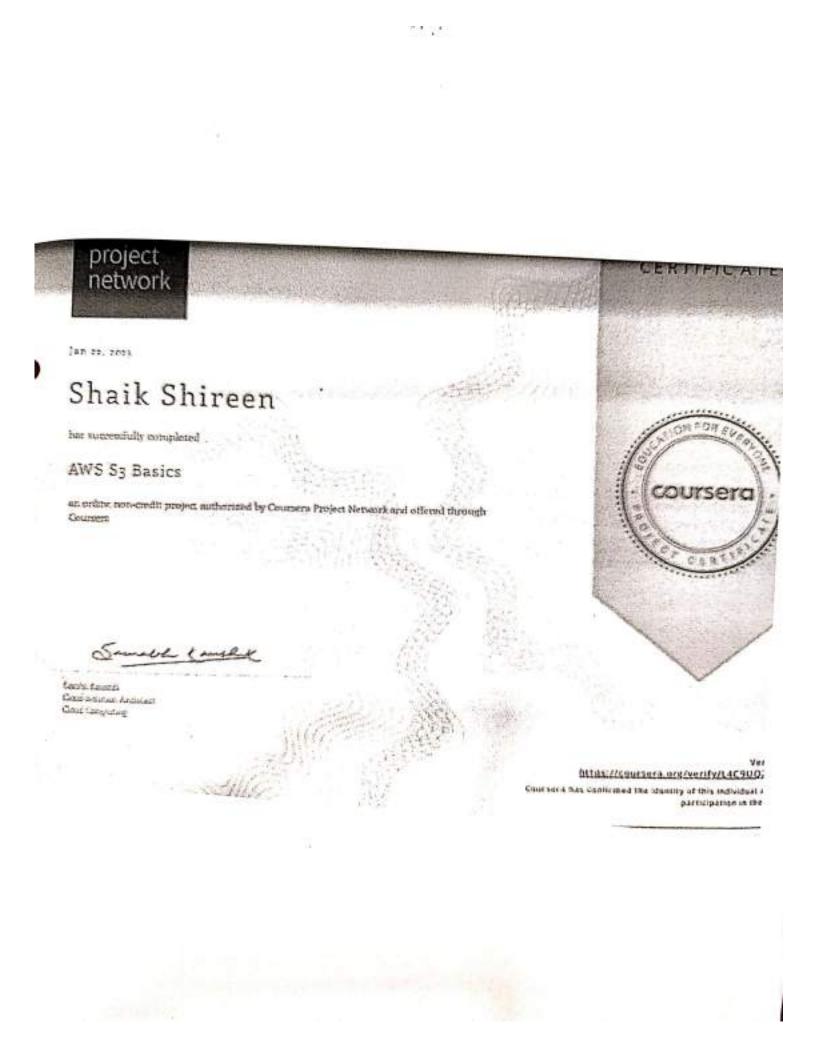
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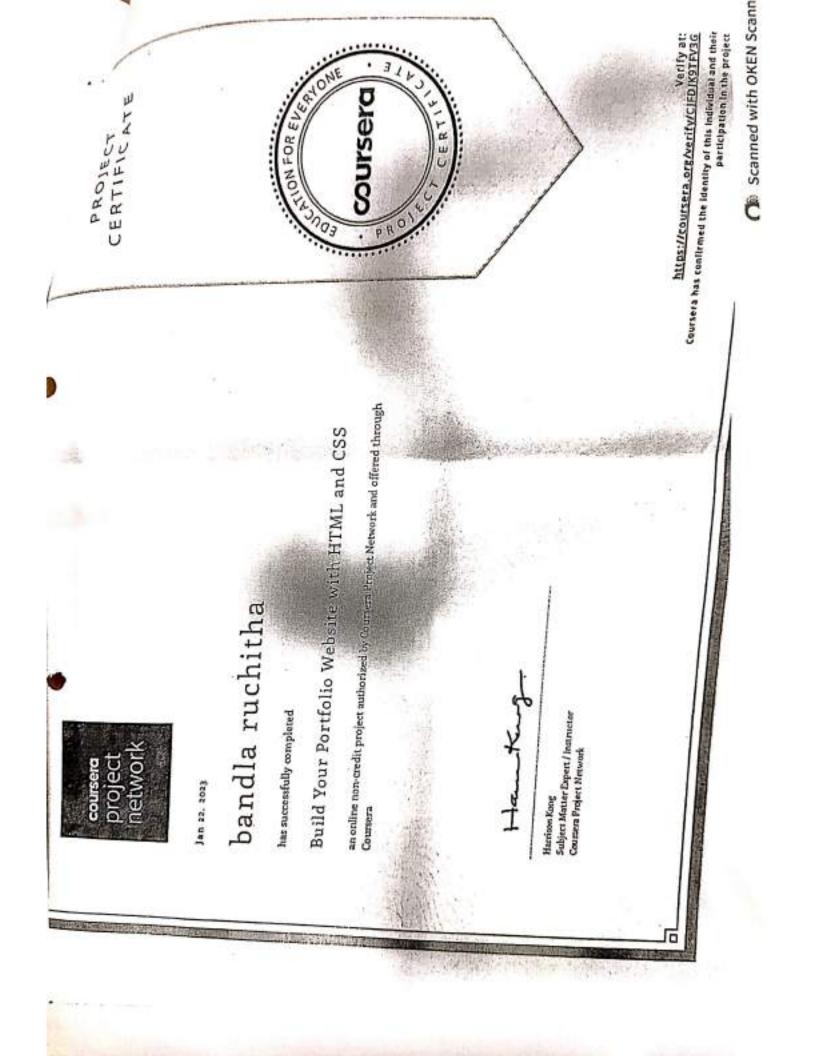


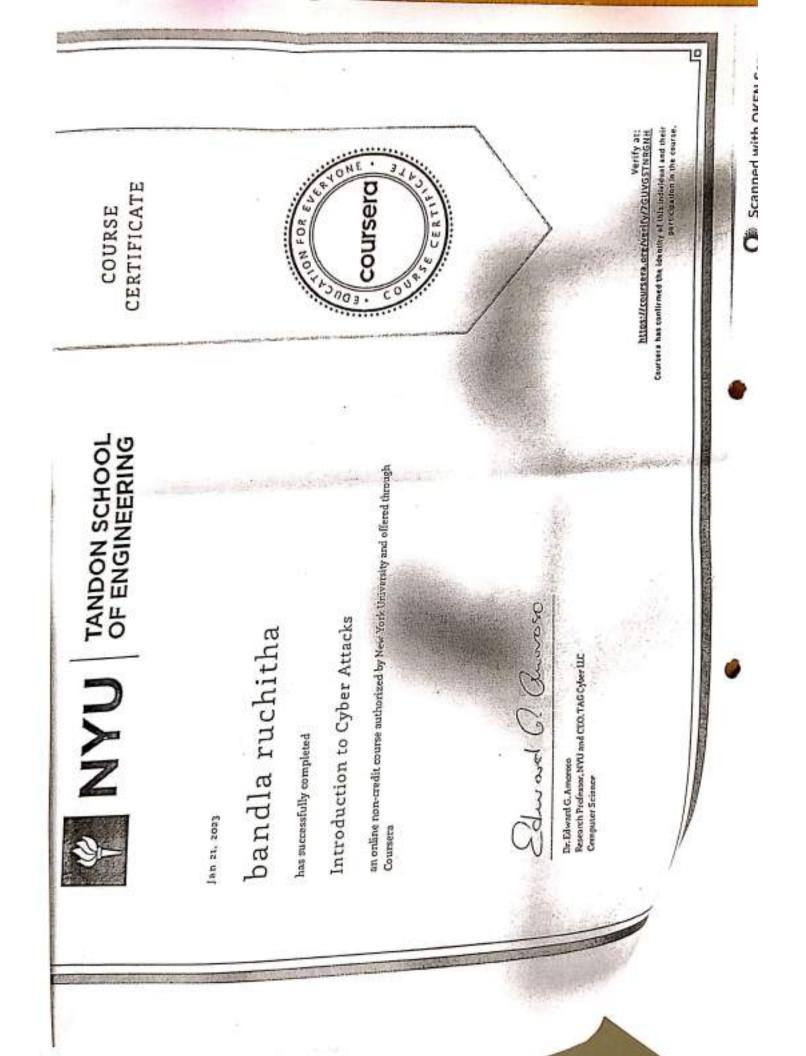




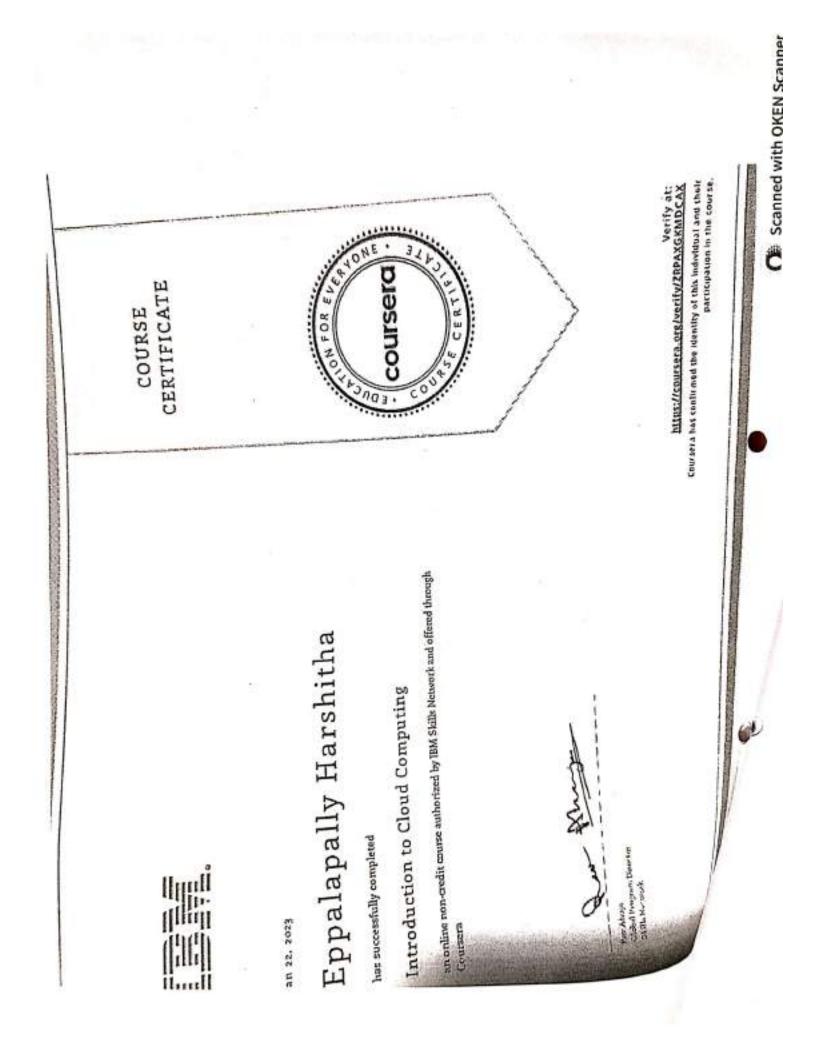
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Relational database systems

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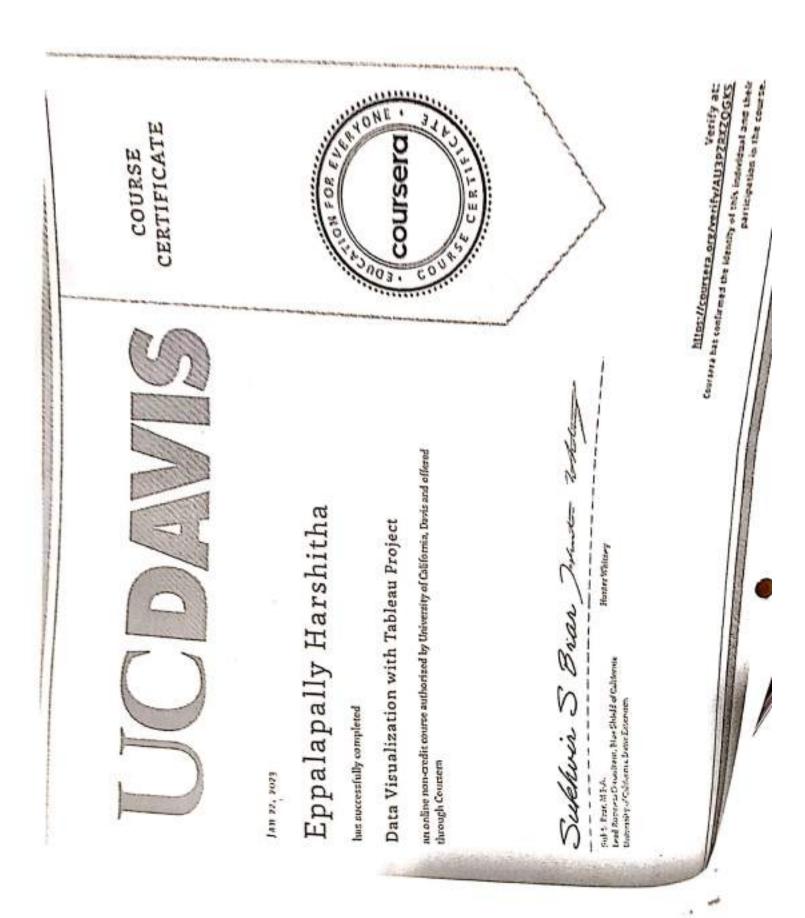
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Mana del Pilar Ángeles Fall time professor at the Department of Computer Engineering Returned Astronomics University of Mexico

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### Exploratory Data Analysis for Machine Learning

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Joseph Santarcangels Senior Data Scientist IIIM

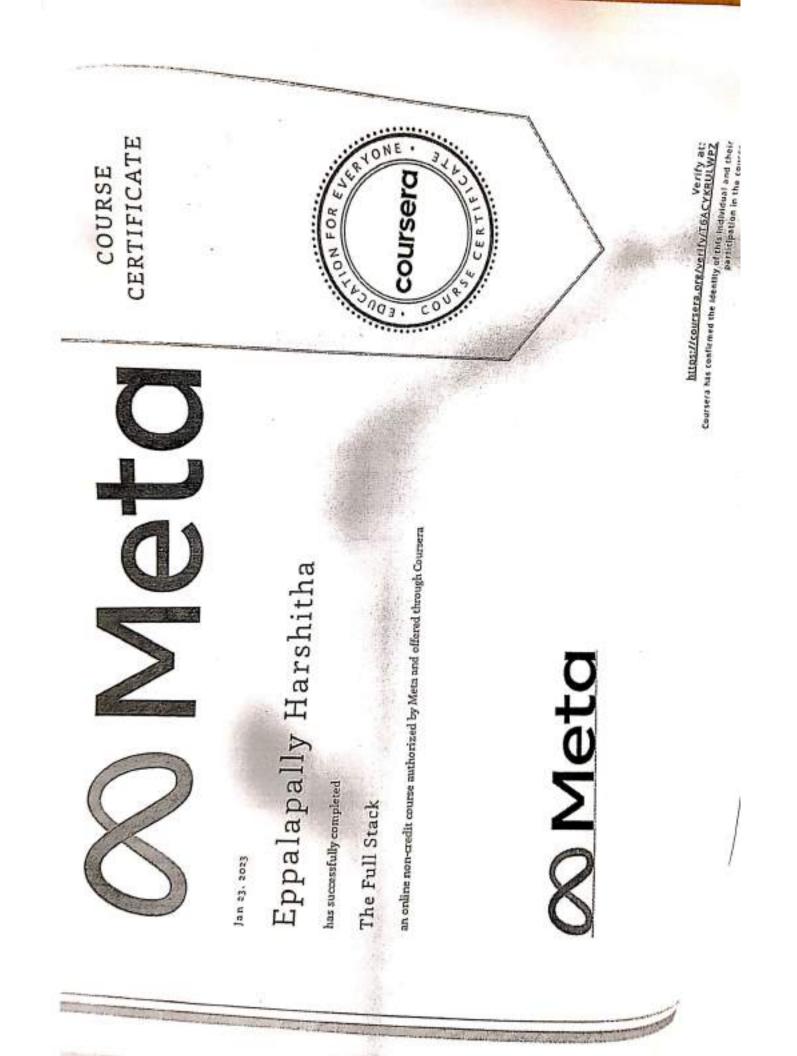
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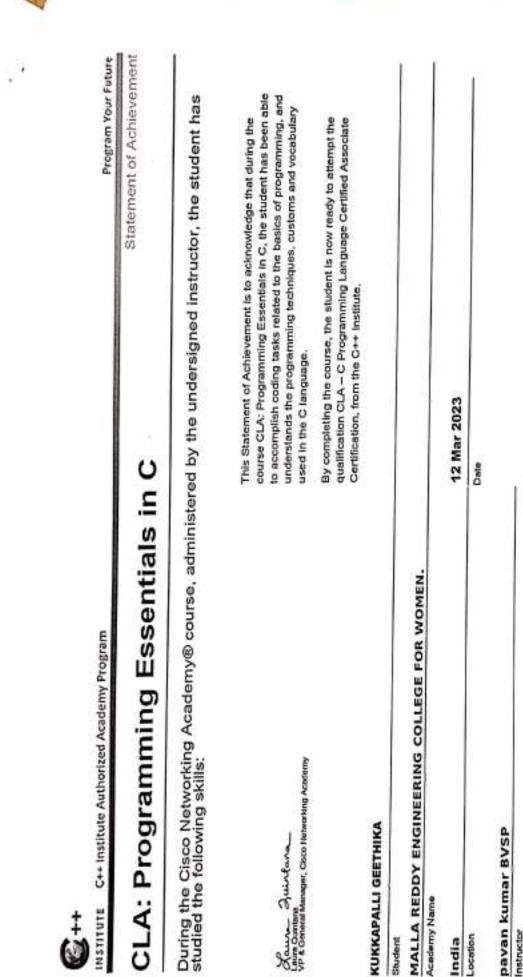
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• 1 1 • 1 1 • Social CISCO. Responsibility Cartificate of Course Completion	Cisco Networking Academy
<b>CCNA RS: Introduction to Networks</b>	
The student has successfully achieved student level credential for the Undersigned instructor. The Student was able to proficiently:	The student has successfully achieved student level credential for completing Introduction to Networks course administered by the Undersigned instructor. The Student was able to proficiently:
<ul> <li>Explain the Concept of Networks.</li> <li>Explain basic requirements for getting online.</li> <li>Build a simple home network.</li> <li>Create a partial LAN.</li> <li>Explain how client access internet.</li> </ul>	<ul> <li>Explain how to use Cisco IOS.</li> <li>Build a simple computer network using Cisco devices.</li> </ul>
RAYALA DHANALAKSHMI	
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Kaura Juinfara Lesen Gutana VP & General Manapar, Gsco Nichaotang Academy	



pavan kumar BVSP

Location India

Student

Instructor



**OpenEDG Python Institute Authorized Academy Program** 



Statement of Achievement

# PCAP: Programming Essentials in Python

The graduate of the PCAP: Programming Essentials in Python course, administered by the undersigned instructor, and provided by Cisco Networking Academy® in collaboration with OpenEDG Python Institute:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- · knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

### KANDULA VARSHINI

Student

# MALLA REDDY ENGINEERING COLLEGE FOR

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अंतरिक्ष विभाग /DEPARTMENT OF SPACE भारत सरकार/GOVERNMENT OF INDIA भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

### CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र MS. SANJANA SINGH को " उस्नत सुदर सदबन नकनीकों के भूदेझानिक अनुप्रयोग " मे ऑनलाईन पाठधकम में भाग लेने पर प्रदान किया जाता है । टिचकम का आयोजन 13 मार्च, 2023 से 24 मार्च, 2023 ( कुल पाठचक्रम की अवधि = 15 घंटे ) के दौरान किया गया । (सबन्धित आई.आई.आएस नोडल केद्र- सल्ला रेड्डी बहिला इजीनियरिंग कॉलेज (यजीसी- ऑटोनोम्स))

> THIS CERTIFICATE IS AWARDED TO

MS. SANJANA SINGH

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON "Advances in Remote Sensing Techniques for Geological Applications" E WAS CONDUCTED DURING 13-03-2023 to 24-03-2023 (Total course duration was = 15 hourse ad IIRS Nodal Centre- MALLA REDDY ENGINEERING COLLEGE FOR WOMEN(UGC -AUTONOMOUS))

समन्वपक, विश्वविद्यालय/संस्थान Coordinator, University/Institution d4374bd8e7c .This Certificate can be validated using URL- https://certificate.iirs.gov.in राज्येन्ड हिट्ट निवेशक/ Director

आई.आई.आर.एस, देहरादून/ IIRS, Dehradun



## Dear POCHU GAYATHRI,

Congratulations on successfully completing the NDG Linux Essentials course in the Cisco Networking Academy. By completing this course you are now prepared to earn the Linux Essentials Professional Development Certificate from the Linux Professional Institute (LPI).

Today's job market is competitive, but the rewards are worth it. With employers reporting they are paying salaries well above company norms, paying out bigger bornuses and offering flexible schedules, there has never been a better a time to have strong Linux abilities. Verifying your skills with a professional certificate can be a great way to stand out from other candidates, by proving you have the technical abilities required for the job. Become a stronger prospect in the job market by pairing our certificate with other industry-recognized certifications such as Cisco Certified Network Associate (CCNA).

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- Understand the Linux operating system
- Have demonstrated the ability to navigate a Linux system
- Can execute the power of the Linux command line
   Possess knowledge of Linux security and file permissions
  - Have the motivation to advance your IT career

To help you accelerate your career we'd like to offer you 20% off of the Linux Essentials Professional Development Certificate today. To get started, visit: https://www.lpi.org/netacadl.E We hope you'll continue your Linux studies with the NDG Introduction to Linux I course. This course prepares you for the LPIC-1 101 Exam, the first of two towards the LPIC-1 Linux Server Professional certification from the Linux Professional Institute (LPI). The LPIC-1 certification will show you have the in-demand Linux skills that employers are seeking.

Again, congratulations and we wish you continued success!

Sincerely,

G. Mathew Rice Executive Director Linux Professional Institute

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# www.ipi.org | info@ipi.org | @LPIConnect

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Cambridge University Press & Assessment is a non-teaching department of the University of Cambridge

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\*

at Malla Reddy Engineering College for Women (MRECW).

Cambridge English Empower Level C1 course

This is to certify that 'VAKshara

has participated and completed

**Certificate of Completion**