

ABOUT INSTITUTION:

Global Institute of Engineering and Technology, Hyderabad, Telangana is affiliated to JNTUH & approved by AICTE. GIET was established in the year 2006 with a vision To produce technologically skilled Engineers of world class competency to address global challenges. GIET nurtures and supports a unique system of education structure on values and combines the tenets of the academic excellence with corporate professionalism. The primary objective at Global Institute of Engineering and Technology is to impart quality education which leads to quality living. Located at Moinsabad, the sprawling campus spread over 28 acres of lush greenery creates the most conducive environment for education. GIET offers undergraduate programmes in ECE, EEE, CSE, CE, ME, CSE(AIML), CSE(DS)* and postgraduate programmes Embedded Systems & Structural Engineering.

The system of education at Global Institute of Engineering & Technology grooms the students to rise into professionals and leaders of high academic caliber with unblemished character. Dedicated, experienced and qualified faculty help in honing the skills of students at early level of their learning.

ABOUT THE ECE DEPARTMENT:

The Department has good infrastructural facilities and is equipped with full-fledged laboratories. The Department also has audio-visual teaching aids with LCD for effective teaching. Keeping pace with the Global Trends GIET has established advanced labs in Digital Electronics, Mobile Communication, Embedded Systems, VLSI Design, Microwave Engineering etc. Main thrust of ECE Department is to provide better quality education required by the present industry and train the students in new technologies to equip them to cater to the present global requirements. The Department is offering M.Tech in Embedded Systems.

ABOUT THE CERTIFICATE COURSE:

This Course enables the participating students to understand the concept of Python and programming. It gives the deep understanding of Algorithmic problem solving, control flow and iterations, how functions, recursions and strings are defined in Python.

Speakers:

- Mr. Syed Mazharuddin
Assistant Professor & Head.
Dept. of CSE, GIET.
- Mr. Khaja Nijamuddin
Prof. & Head Dept of it, NSAKCET
- Ms. Sana Mateen
Asst. Prof. CSE, GIET
- Dr. Shyam Anand
Professor, GIET.
- Dr. Qaseem
Prof. & Head Dept. of CSE,
NSAKCET
- Mr. Indranil Gupta, Technical Engineer,
Corral Technologies Pvt. Ltd., Hyderabad.
- Dr Syed Abdul Sattar
Professor, Dept of ECE, NSAKCET

TOPICS TO BE COVERED:

- Introduction to Python Programming.
- Algorithmic Problem Solving.
- Control Flow and Iterations.
- Functions, Recursions & Strings.
- Lists & Tuples.
- Modules & Packages
- Files & Exceptions.
- Advanced Concepts in Python.
- Standard I/O Operations.

Below are the means to help you with your self-reflection, self-verification:

1. Attendance: This Certificate Course is like a sentence spoken over 6 days. with Hands on. Participation in all sessions is desirable to get all the proposals being put forth.
2. Assignments: There will be session wise assignment which need to be submitted.

3. Course Outcome Evaluation:

Exam Will Be Conducted On last of Course For Which You Need To Get 80% In Order To Receive Certificate.

4. Feedback

ORGANIZING COMMITTEE:

Chief Patron:

Mr.K.M Arifuddin
B.A, LLM

Secretary MEWS

Patron:

1. Mr. K M Fasihuddin,
Director GPC

Co-Patrons:

1. Prof. Ravindra Tiwari,
Dean GPC

2. Prof. K Sivalingam,
Principal GIET

Organizing Secretary:

Mr.G.Ahmed Zeeshan
BE., M.Tech., (Ph.D.), LMISTE
Head ECE

Convenor:

1. Mrs Nuzath Unnisa
Begum, Asst. Prof. Dept
of ECE

Committee Members:

- | | |
|-----------------------------|------------------------|
| 1. Dr. S. Padam Priyal | Prof. Dept of ECE |
| 2. Dr. Ch. Venkateswara Rao | Prof. Dept of ECE |
| 3. Mrs. Nuzath Unnisa Begum | Asst.Prof, Dept of ECE |
| 4. Mr.D Kamalakara Reddy | Asst.Prof, Dept of ECE |
| 5. Mr. Faizur Rahman Babul | Asst.Prof, Dept of ECE |
| 6. Mrs. Imrose Bashra | Asst.Prof, Dept of ECE |
| 7. Mrs. Anwar Jahan | Asst.Prof, Dept of ECE |
| 8. Ms. M Sai Chandana | Asst.Prof, Dept of ECE |
| 9. Mrs Ishrath Unisa | Asst.Prof, Dept of ECE |
| 10. Ms. Sana Fatima | Asst.Prof, Dept of ECE |
| 11. Ms. Inkeshaf Unnisa | Asst.Prof, Dept of ECE |

How to Apply:

Interested students are required to fill Registration Form given and submit to the Coordinator.

Registration should be done between
18/11/2018 to 25/11/2018
Limited Registrations. First Come First Serve

WHO SHOULD ATTEND?

The Course is designed for B.Tech students of
ECE IV year

For any query regarding this
programme, please contact

Mrs Nuzath Unnisa
Begum, Convenor
Assistant Professor, Dept. of ECE
GIET, Hyderabad
Mobile: +91 9640641036
Email: nuzath.khan99@gmail.com

COORDINATOR:

Mr.S. Ravi
Asst. Prof, Dept of ECE
Mobile: 8008771588

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY



A Certificate Course

On

"PYTHON"

(10th -15th December, 2018)



Organized by
DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
GLOBAL INSTITUTE OF ENGINEERING
& TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU(H)
Recognized under section 2(D) of UGC Act 1956
An ISO 9001:2015 Certified Institution
Chilukur (V), Moinsabad (M), RR Dist - TS
Phone No: +91-9985-359-601
+91-879-010-1015 +91 +91 99592 50205
E-mail: principal.giet.u6@gmail.com
gieteng@gmail.com
Website: www.globalhyvd.edu.in



GLOBAL Institute of Engineering & Technology

(Approved by AICTE & Affiliated to JNTUH)

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

Phone: 8790101015/9959250205

e-mail: principal.giet.u6@gmail.com

JNTUH Code(U6)

CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech.

EAMCET Code- GLOB

Department of Electronics and Communication Engineering

G Ahmed Zeeshan

BE., M.Tech., MBA., (Ph.D)

MISTE., MISOL., MIEEEE(USA)

Assistant Professor & Head

Lr.No: ECE/B.Tech/SA/ CC-PTN /2018-001

Date 12/11/2018

To

The Principal
GIET

Sir,

Sub: Hosting a One Week Certificate Course on Python – Reg.

The Department of Electronics and Communication Engineering is planning to host a One Week Certificate Course on Python from 10/11/2018 to 15/11/2018 in Room No. 04. I would like to request for your permission and support to conduct the Course. It will be ensured that information delivered to students is standardized.

The objectives of the course are to enable the participating students to understand the concept of Python and its programming. It is therefore important for students to have a deep understanding of concept, to determine the objective, to decide on a key project and to enhance knowledge. This Certificate Course will be very key as it will bring new ideas for the projects of students of the Department.

Kindly accord approval so as to make necessary arrangements for hosting a Week Certificate Course on Python.

Thanking you.

Head
HEAD

Approved

Principal
Principal
Global Institute of Engg. & Tech
Chilkur (V), Moinabad (M).
R. R. Dist



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JNTUH Code (U6)

CIVIL - CSE - MECH - ECE - EEE - MBA - M.Tech.

EAMCET Code- GLOB

Department of Electronics and Communication Engineering

Date: 10/11/2018

CIRCULAR

All the students of IVyear of the department are informed to express their interest by enrolling their name for the One Week Certificate Course on “Python” starting from 10/02/2018 to 15/12/2018.

The detailed syllabus for the course is attached for your information and the enrolled students will be certified accordingly based on the test conducted at the end of the course.

Concerned mentors are instructed to submit the list of students enrolled within two days to the undersigned. For further information, you can contact the Course Coordinator Mr. S. Ravi or Head of the Department.

S. Ravi
10/11/2018

HEAD

Department of Electronics & Communication Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), R.R. Dist.T.S.-501504.

Cc to:
Principal
Coordinator IQAC
Mentors of II & III years
Training & Placement Cell
Notice board
File



GLOBAL Institute of Engineering & Technology

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SURVEY NO 179, CHILKUR(V), MOINABAD(M), RANGAREDDY DIST, T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One Week Certificate Course

On

PYTHON

(10th-15th December, 2018)

PROGRAMME SCHEDULE

	Forenoon		Afternoon
Day1	Inauguration	Introduction to Python programming <i>Mr. Syed Mazaruddin</i> Assistant Professor & Head, Dept of CSE, GIET	Building blocks of algorithms <i>Mr. Khaja Nijamuddin</i> Professor & Head Dept of IT, NSAKCET
Day2	Algorithmic problem solving <i>Ms. Sana Mateen</i> Assistant Professor Dept of CSE, GIET		Control flow and Iterations <i>Dr. C Shyam Anand</i> Professor, GIET
Day3	Functions, Recursion and Strings <i>Dr. Qaseem</i> Professor & Head Dept of CSE, NSAKCET		List and Tuples <i>Mr. Indranil Gupta,</i> Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad
Day4	Modules and Packages <i>Mr. Indranil Gupta, Technical Engineer,</i> Coreel Technologies Pvt. Ltd, Hyderabad		Files and Exceptions <i>Dr Syed Abdul Sattar</i> Professor, Dept of ECE, NSAKCET
Day5	Advanced Concepts in Python <i>Mr. Indranil Gupta,</i> Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad		Standard I/O Operations, <i>Dr. Qaseem</i> Professor & Head Dept of CSE, NSAKCET
Day6	Hands-on sessions on Python programs <i>Mr. Indranil Gupta,</i> Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad		Exam, Valedictory, Feedback and Certificate Distribution

S. Ravi
Co- Ordinator
S. Ravi
Assistant Professor
Department of ECE



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JNTUH Code (U6)

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EAMCET Code- GLOB

Department of Electronics and Communication Engineering

LIST OF STUDENTS ENROLLED FOR PYTHON

2018-19

LIST OF PARTICIPANTS

S.NO	ROLL.NO	NAME OF THE STUDENT	YEAR	BRANCH
1	15U61A0401	ALLU SOMESH	IV	ECE
2	15U61A0405	BODDU DIVYA	IV	ECE
3	15U61A0406	DEVISETTY HEMANTH	IV	ECE
4	15U61A0408	KADIRE PAVANI REDDY	IV	ECE
5	15U61A0409	KAMBAM BHAVANI	IV	ECE
6	15U61A0410	KARRA MANOJ	IV	ECE
7	15U61A0412	KEDIKA SHUSHANTH REDDY	IV	ECE
8	15U61A0414	KODARI PRAVEEN REDDY	IV	ECE
9	15U61A0415	KOLUGURI SREEJA	IV	ECE
10	15U61A0416	KUNTE PRIYANKA	IV	ECE
11	15U61A0418	MOHAMMED MOSAAD LABABIDI	IV	ECE
12	15U61A0420	NYALAM BHANUCHANDAR	IV	ECE
13	15U61A0428	VINAY UNIYAL	IV	ECE

S. Rang
Coordinator

Leah

HEAD-ECE
HEAD

Department of Electronics & Communication Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), R.R. Dist. T.S.-501501.



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SURVEY NO 179, CHILKUR(V), MOINABAD(M), RANGAREDDY DIST, T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A One Week Certificate Course

On

PYTHON

(10th -14th December, 2018)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : A. SOMESE
Roll No : 15U61A0401
Course/Year : ECE / IVth.
Department : ECE
E-mail : someseshally95@gmail.com
Phone No : 9642704295.

A. Somesesh
Signature of Participant

✓
Approved/ Not Approved

For Office use only

S. Ravi
Signature of Coordinator



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JNTUH Code(U6) CIVIL – CSE – MECH – ECE – EEE – MBA – M.Tech. EAMCET Code– GLOB
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One Week Certificate Course

On
Python
(10th-15th December, 2019)

ATTENDANCE SHEET

S.No	Name of the Participant	Programme	Year	SIGNATURE											
				Day-1 (10/12/2018)		Day-2 (11/12/2018)		Day-3 (12/12/2018)		Day-4 (13/12/2018)		Day-5 (14/12/2018)		Day-6 (15/12/2018)	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	ALLU SOMESH	B.Tech	IV	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh	A.Somesh
2	BODDU DIVYA	B.Tech	IV	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya	B.Divya
3	DEVISETTY HEMANTH	B.Tech	IV	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant
4	KADIRE PAVANI REDDY	B.Tech	IV	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani	K.Pavani
5	KAMBAM BHAVANI	B.Tech	IV	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani	Bhavani

C. Ravi
Coordinator

Tej
HEAD
Department of Electronics & Communication Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), R.R. Dist.TS-501506

Principal
PRINCIPAL
Global Institute of Engg. & Tech
Chilkur (V), Moinabad (M)
R. R. Dist



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One Week Certificate Course

On

Python

(10th-15th December, 2019)

ATTENDANCE SHEET

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				Day-1 (10/12/2018)		Day-2 (11/12/2018)		Day-3 (12/12/2018)		Day-4 (13/12/2018)		Day-5 (14/12/2018)		Day-6 (15/12/2018)	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
6	KARRA MANOJ	B.Tech	IV	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	ABSENT	Manoj	Manoj	Manoj	Manoj	Manoj
7	KEDIKA SHUSHANTH REDDY	B.Tech	IV	Subhant	Subhant	ABSENT	Subhant	Subhant	Subhant	Subhant	Subhant	Subhant	Subhant	Subhant	Subhant
8	KODARI PRAVEEN REDDY	B.Tech	IV	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan	K.Pavan
9	KOLUGURI SREEJA	B.Tech	IV	Sreeja	Sreeja	Sreeja	Sreeja	ABSENT	Sreeja	Sreeja	Sreeja	Sreeja	Sreeja	Sreeja	Sreeja
10	KUNTE PRIYANKA	B.Tech	IV	Priyanka	Priyanka	Priyanka	Priyanka	ABSENT	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka

S. Rang
Coordinator

Leen
Head of the Department
Department of Electronics & Communication Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), Ranga Reddy Dist. TS.

Principal
Principal
Global Institute of Engg. & Tech
Chilkur (V), Moinabad (M)



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Python

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				Day-1 (10/12/2018)		Day-2 (11/12/2018)		Day-3 (12/12/2018)		Day-4 (13/12/2018)		Day-5 (14/12/2018)		Day-6 (15/12/2018)	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
11	MOHAMMED MOSAAD LABABIDI	B.Tech	IV	Mosad	Mosad	← ABSENT →		Mosad	Mosad	Mosad	Mosad	Mosad	Mosad	Mosad	Mosad
12	NYALAM BHANUCHAND AR	B.Tech	IV	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala	Nyala
13	VINAY UNIYAL	B.Tech	IV	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay

C. Ray
Coordinator

Leek
Head of the Department

Department of Electronics & Communication Engg.
Global Institute of Engineering & Technology
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Principal
Principal
Global Institute of Engg. & Tech
Chilkur (V), Moinabad (M)
R. R. Dist



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SURVEY NO 179, CHILKUR(V), MOINABAD(M), RANGAREDDY DIST, T.S

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A One Week Certificate Course

On

PYTHON

(10th – 15th, December 2018)

FEEDBACK FORM

Please valueate your rating of the course by placing a tick in the appropriate box.

1. Poor 2. Satisfactory 3. Good 4. Very good 5. Excellent

Branch and Year:

ECE 1st yrs

Date:

15/12/18

ASPECTS	RATING				
	Excellent 5	Very good 4	Good 3	Satisfactory 2	Poor 1
Relevance of contents	/				
Trainer was knowledgeable and skillful	/				
Quality of input provided	/				
Quality of presentations	/				
Adherence to the time schedule	/				
Opportunity given to participant to clear doubts	/				
Identify ways to build on current skills and knowledge	/				
Overall learning experience	/				
How has the course enhanced your skills or understanding of this topic?					
Very good knowledge and understanding.					
Specify problems faced by you during the course?					
No.					
Any Other Comments:					
/					

REPORT
ON
ONE WEEK CERTIFICATE COURSE
PYTHON IN ELECTRONICS AND COMMUNICATION

A One Week Certificate course on 'Python' was organized by the Department of Electronics and Communication Engineering. One week certificate course was held in the Conference Room of GIET from 10th to 15th December, 2018 and its objective was to further enhance and strengthen the technical skills of the students in the field of Python in ECE. The course was attended by 13 students of Electronics and Communication Engineering Department (A.Y. 2018-19). Evaluation forms were also filled by each participant at the end of the course.

Day 1:

The course started off with the inaugural ceremony and the Coordinator of this occasion, Mr. S. Ravi, Assistant Professor, Department of ECE welcomed the gathering. Later in the inauguration Mr. Syed Mazaruddin, Assistant Professor & Head, Dept of CSE ,GIET delivered his inaugural and introductory speech in which he delivered his energetic talk on 'Introduction to Python programming' .He emphasized with a brief lecture on the field of Python coding encompasses everything to do with the design, engineering, programming, testing and development of Python, explained data and learning with minimal human interaction..The next Mr. Khaja Nijamuddin Professor & Head Dept of IT, NSAKCET , lectured on 'Building blocks of algorithms' in the afternoon session.

Day 2:

On Second day, Morning session was taken by Ms. Sana Mateen, Assistant Professor, Dept of CSE , GIET delivered a lecture on 'Algorithmic problem solving'. It was followed by another lecture by Dr. C Shyam Anand, Professor, GIET lectured on 'Control flow and Iterations' in which he elaborated on understanding of statements in Python. In the first section, he has explained about different types of statements. Secondly, he has given lecture on Control Flow.

Day 3:

On third day, first session on 'Functions, Recursion and Strings' by Dr. Qaseem Professor & Head Dept of CSE, NSAKCET. In which he spoke on functions and different types of strings. Then next Mr. Indranil Gupta, Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad spoke on 'List and Tuples. Lists are one of the most powerful tools in python. They are just like the arrays declared in other languages. But the most powerful thing is that list need not be always homogenous. A single list can contain strings, integers, as well as objects. Lists can also be used for implementing stacks and queues. Lists are mutable, i.e., they can be altered once declare.

Day 4:

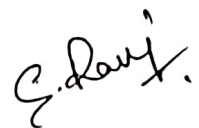
On fourth day, first session started at 9:30 AM by a lecture on 'Modules and Packages' by Resource Person Mr. Indranil Gupta, Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad. In which he spoke types of modules and packages, 11:15AM and ended at 1:00PM. In programming, a module is a piece of software that has a specific functionality. For example, when building a ping pong game, one module would be responsible for the game logic, and another module would be responsible for drawing the game on the screen. Each module is a different file, which can be edited separately. Then next Dr Syed Abdul Sattar, Professor, Dept of ECE, NSAKCET spoke on 'Files and Exceptions', While a program is running, its data is in memory. When the program ends, or the computer shuts down, data in memory disappears. To store data permanently, you have to put it in a file. Files are usually stored on a hard drive, floppy drive, or CD-ROM.

Day 5:

On fifth day, first session started by 9:30AM by a lecture on 'Advanced Concepts in Python' by Resource person Mr. Indranil Gupta, Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad. He focused on computer system that interfaces with haptic I/O devices must be able to exercise deterministic real-time control in order to provide realistic feedback to the operator. For example, in order to simulate the "feel" of a surface being probed, the computer must interact with the haptic I/O device at least 1,000 times per second to read control inputs and provide force outputs back to the haptic device. Afternoon session proceeded on Micro and nan robotics. Micro and nanorobotic is an emerging field of research arising from the cross-fusion of micro/nano technology and robotics and has become an important part of robotics. Micro- and nanorobots have the advantages of small size, low weight, large thrust-to-weight ratio, high flexibility, and high sensitivity. Due to the characteristics distinguishing from macroscopic robots, micro- and nanorobots have stimulated the research interest of the scientific community and opened up numerous application fields such as drug delivery and disease diagnosis.

Day 6:

The final session included a project demonstration on 'Hands-on sessions on Python programs' by Mr. Indranil Gupta, Technical Engineer, Coreel Technologies Pvt. Ltd, Hyderabad. Python should be used as the first year teaching language. If used it will be possible to teach students more *programming* and less of the peculiarities of a *particular language*. Teaching a mid-level language like C in just one day is inadvisable. Too much time must be spent teaching C and not enough time teaching generic skills to students with no programming experience.



Co- Ordinator

Mr. S.Ravi

Asstistant Professor

Department of ECE





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CoreEL
Technologies
Enabling Excellence

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One Week Certificate Course

On

PYTHON

(10th – 15th December 2018)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. ALLU SOMESH bearing roll
number 15U61AD401 has attended One Week Certificate Course on "Python" held from
10th December 2018 to 15th December 2018 at Global Institute of Engineering and Technology.

S. Ravi
Co Ordinator
(Mr. S. Ravi)

Zeeshan
Head of the Department
(Mr. G. Ahmed Zeeshan)

V V S Murthy
Principal
(Dr. V V S Murthy)