Certificate Course

On

Fundamentals of Python Programming

07.03.2022 to 28.03.2022

Coordinator: G. Hussain Basha

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India – 516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Lr. / KSRMCE / (Department of EEE) / 2021 - 22 /

Date: **24.02.2022**

To,
The Principal,
K.S.R.M.College of Engineering (A),
Kadapa.

Respected Sir,

//THROUGH PROPER CHANNEL//

Sub: Permission for Conducting Certification Course on **Fundamentals of Python Programming** – Requested - Reg.

It is being brought to your kind notice that the Department of Electrical and Electronics Engineering of our organization was planning to conduct a certification course on **Fundamentals of Python Programming** for B.Tech VI Sem (R18UG) students of the department. Details of Syllabus, Students registered and Schedule are over leafed for your kind reference. In this regard we kindly request you to permit for organizing the above-mentioned certification course, for which kind of act we would be grateful to you sir.

Thanking you sir,

forwarded to Principal Sir

Yours Faithfully

Sri G. Hussain Basha
Assistant Professor/EEE
KSRMCE, Kadapa.

Permitted

V. S. S. MM|5

K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)
Kadapa, Andhra Pradesh, India – 516 005
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

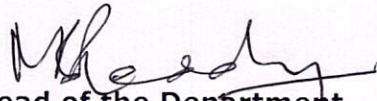## Department of Electrical and Electronics Engineering

Lr. / KSRMCE / (Department of EEE) / 2021 - 22 /

Date: **25.02.2022**

Circular

It is hereby certified that the department of Electrical and Electronics Engineering is organizing a certification course on "Fundamentals of Python Programming" for B.Tech VI Sem (R18UG) EEE Students, from 07.03.2022 to 28.03.2022. In this context, I request the students to register their names with the concerned coordinator on or before 04.03.2022 (Friday). the details of the course are as follows:

Name of the Event	Certification Course
Name of the Course	Fundamentals of Python Programming
Date (s) of the Course	07.03.2022 to 28.03.2022
Resource Persons	1. Sri G. Hussain Basha, Assistant Professor in EEE 2. Dr. T. Mari Prasath, Associate Professor in EEE
Venue	SJ - Computer Centre
Faculty Coordinator	G. Hussain Basha, Assistant Professor in EEE, KSRMCE

Head of the Department
HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)
Kadapa, Andhra Pradesh, India – 516 005
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on.

Department of Electrical and Electronics Engineering

List of Registered Participants

Name of the Event	Certification Course
Name of the Course	**Fundamentals of Python Programming**
Date(s) of the Course	07-03-2022 to 28-03-2022
Timings of the Course	03:00 PM to 5:00 PM
Resource persons	1. Sri G. Hussain Basha, Assistant Professor in EEE, 2. Dr. T. Mari Prasath, Associate Professor in EEE
Venue	SJ – Computer Centre
Faculty Coordinator	Mr. G. Hussain Basha

S.No	Roll Number	Name of the Student	Signature
01	199Y1A0202	B.chavitha	Khevtha
02	199Y1A0205	C.Malleswari	Mallerway
03	199Y1A0206	C. Pramod joshi	C.A.
04	199Y1A0211	D. Karishma	D. Karishma
05	199Y1A0212	DR.Gayithri	Gayithri
06	199Y1A0213	G. Nithyachandhana	G.Nithya
07	199Y1A0218	J. Praveen Kumar	JPK
08	199Y1A0220	K.Pavithra	K Pavithra
09	199Y1A0222	K.Samarasimha Reddy	KSSR
10	199Y1A0226	K. Sakest Reddy	
11	199Y1A0230	M. SreeNath Reddy	Srinath.
12	199Y1A0231	M. Guru Teja	Teja
13	199Y1A0232	M.Ruthesh kumar	M.R.K.
14	199Y1A0234	N. Mani Kanta	Manikanta

K.S.R.M. COLLEGE OF ENGINEERING
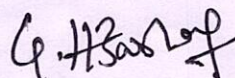## (UGC-AUTONOMOUS)
Kadapa, Andhra Pradesh, India – 516 005
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering
List of Registered Participants

S.No	Roll Number	Name of the Student	Signature
15	199Y1A0235	N . Sai Jyothi	N.Sai Jyothi
16	199Y1A0236	N. Indu	N. Indu
17	199Y1A0240	P. Sumanth	B—
18	199Y1A0246	Hari Krishna	Harik
19	199Y1A0249	S.Khammar	B
20	199Y1A0250	T. SOWMYA	T. SOWMYa.
21	199Y1A0251	T. Jyothi Bhargavi	Jyothi
22	199Y1A0252	T. Prudhula	T. Prudhula
23	199Y1A0253	V. Divya Teja	V. divya
24	199Y1A0255	Y. chandhavika	Chandu
25	199Y1A0256	Y. Yeshaswini	Yeshu
26	199Y1A0257	Y. Chandhrakala	chandhrakala
27	209Y5A0201	B. Swathi	Swathi
28	209Y5A0202	C.Rakesh	C.Rau
29	209Y5A0203	K. Mohammad Ali	KMDAli
30	209Y5A0204	M. chandhrakala	chandrakala
31	209Y5A0206	S. Sandhya	S
32	209Y5A0207	T. Shehanyha Sahay	
33	209Y5A0208	U. Aswag	Uhsa

Coordinator(s)

Head of the Department

K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)
Kadapa, Andhra Pradesh, India – 516 005
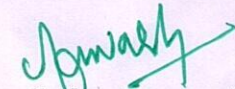### Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering

Certification Course on "**Fundamentals of Python Programming**"

Modules

Timing: 03:00 PM to 5:00 PM

Module – 1: Introduction to Python Programming: Introduction to Python, Features, Installing Python for Windows, Execution of a python program, identifiers and variables, Fundamental datatypes, operators, operator precedence and associativity, Handling Input and output in Python.

Module – 2: Control Structures and Sequences:
Selection Statements: if statement, if-else statement, if-elif-else statement, nested-if statement.
Iterative Statements: while loop, for loop, break statement, continue statement, pass and else statements used with loops, Arrays in python, Strings and their operations.
Sequences: Lists and operations – Creating, inserting elements, updating elements, deleting elements, Searching and sorting, List comprehensions, Nested lists; Tuples – Creating, Searching and sorting, Nested tuples.

Module – 3: Functions, Dictionaries and File Handling, Date & Time:
Functions: Define and calling a function, return statement, formal and actual arguments, local and global variables, example programs on functions, recursion.
Dictionaries: Operations on dictionaries, Dictionary methods.
File Handling: Types of files, Opening and closing files, Reading and writing data.
Date and Time: The epoch, date and time now, combining and formatting dates and times.

Coordinator(s)

Head of the Department
HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

K.S.R.M. COLLEGE OF ENGINEERING, KADAPA
(AUTONOMOUS)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
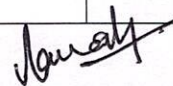
Fundamentals of Python Programming

(Certification course)

Detailed Schedule

S.No	Date	Topic	No. of Hours
		Module 1	
1	07.03.2022	Introduction to Python	2
2	08.03.2022	Installation of python for windows	2
3	09.03.2022	Execution of Python Program	2
4	10.03.2022	Data types , operator and operator precedence	2
5	11.03.2022	operating input and output in python	2
		Module 2	
6	12.03.2022	Selection statements	2
7	13.03.2022	Iterative statements	2
8	14.03.2022	Arrays in python	2
9	15.03.2022	strings and their operations	2
10	17.03.2022	collections in python	2
		Module 3	
11	18.03.2022	Define and calling a function, return statements	2
12	19.03.2022	local and global variables	2
13	25.03.2022	Dictionaries in python	2
14	26.03.2022	File Handling	3
15	28.03.2022	Reading and writing Data	3
		Total	32

Course coordinators

G.Hussain Basha

HOD

HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India – 516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering
List of Participants & Attendance Sheet

Roll Number	7/3	8/3	9/3	10/3	11/3	12/3	14/3	15/3	16/3	17/3	18/3	21/3	22/3	23/3	24/3	25/3	26/3	28/3
199Y1A0202	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0205	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0206	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0211	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
199Y1A0212	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0213	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0218	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0220	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0222	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
199Y1A0226	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0230	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0231	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
199Y1A0232	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0234	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
199Y1A0235	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India – 516 005
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering
List of Participants & Attendance Sheet

Roll Number	7/3	8/3	9/3	10/3	11/3	12/3	14/3	15/3	16/3	17/3	18/3	21/3	22/3	23/3	24/3	25/3	26/3	28/3
199Y1A0236	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0240	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0246	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0249	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
199Y1A0250	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0251	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0252	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0253	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
199Y1A0255	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0256	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199Y1A0257	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
209Y5A0201	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
209Y5A0202	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
209Y5A0203	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
209Y5A0204	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

/ksrmce.ac.in   Follow Us: /ksrmceofficial

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India – 516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering

List of Participants & Attendance Sheet

Roll Number	7/3	8/3	9/3	10/3	11/3	12/3	14/3	15/3	16/3	17/3	18/3	21/3	22/3	23/3	24/3	25/3	26/3	28/3
209Y5A0206	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
209Y5A0207	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
209Y5A0208	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P

Coordinator(s)

Head of the Department

HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)
Kadapa, Andhra Pradesh, India– 516 003
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

Department of Eletrical & Electronics Engineering

Organizing a certification course on

Fundamentals of Python Programming

From 07-March-2022 to 28-Marchy-2022

Resource Person (s)
Dr.T. Mariprasath
Associate Professor/EEE
Sri G. Hussain Basha
Assistant Professors/EEE

Coordinator
Sri G.Hussain Basha,
Assistant Professor/EEE

f ⓞ Ⓨ ▶ Ksrmceofficial 🌐 www.ksrmce.ac.in 📞 8143731980, 8575697569

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India – 516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

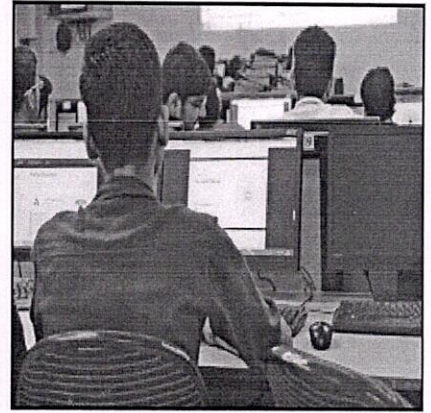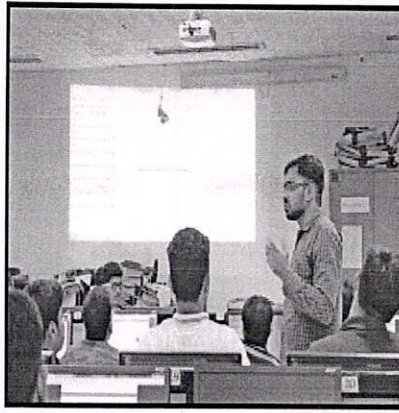An ISO 14001:2004 & 9001: 2015 Certified Institution

KSNR
lives on..

Department of Electrical and Electronics Engineering

Activity Report

Name of the Event	Certification Course
Name of the Course	**Fundamentals of Python Programming**
Date(s) of the Course	07-03-2022 to 28-03-2022
Target Audience	B.Tech VI Semester EEE Students
Number of Students Participated	33
Resource Persons	1. Sri G. Hussain Basha, Assistant Professor in EEE, KSRMCE. 2. Dr. T. Mari Prasath, Associate Professor in EEE, KSRMCE.
Organizer/Supporting Team	Mr. G. Hussain Basha
Report	After the inauguration, the content flow, objectives and outcomes of the workshop were discussed. firstly, history of Python programming language, set up of Python Programming environment for Windows, Variables and Data types, Operations and functions in Python were explained. Also, Inbuilt Data Structures in Python and Some complicated concepts were discussed which will help students while developing their own code and further, this may help them while seeking placement in software domain. In the course sessions, step-by-step development of codes for Games, Quizzes, Calculators and Graphic Patterns using simple coding techniques were demonstrated. Programming tasks were given to the students after demonstration sessions in order to have a hands-on learning experience. Valedictory session was conducted on 29/03/2022 in which the students gave demonstration of programs they developed and feedback of their overall learning experience. The department initiatives were shared by Dr. K. Amaresh (H.O.D) for all the participants. E-Certificates were provided to the students after completion of the course and feedback process.

Sample Photos

Coordinator(s)

Head of the Department

HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

Principal

PRINCIPAL
K.S.R.M. COLLEGE OF ENGINEERING
KADAPA-516003. (A.P.)

K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

Kadapa, Andhra Pradesh, India– 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

Department of E.E.E

COURSE COMPLETION CERTIFICATE
ON
FUNDAMENTAL OF PYTHON PROGRAMMING

This is to certify that D. Karishma (199Y1A0211) has participated in "Fundamentals of Python Programming" , During 07.03.2022 to 28.03.2022 organised by the Department of Electrical and Electronics Engineering, K.S.R.M. College of Engineering (Autonomous), Kadapa

Dr. K. Amaresh
HOD, EEE

Dr. V.S.S. Murthy
Principal

K.S.R.M. COLLEGE OF ENGINEERING

(UGC - Autonomous)

Kadapa, Andhra Pradesh, India– 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

Department of E.E.E

COURSE COMPLETION CERTIFICATE
ON
FUNDAMENTAL OF PYTHON PROGRAMMING

This is to certify that N. Manikanta (199Y1A0234) has participated in "Fundamentals of Python Programming" , During 07.03.2022 to 28.03.2022 organised by the Department of Electrical and Electronics Engineering, K.S.R.M. College of Engineering (Autonomous), Kadapa

Dr. K. Amaresh
HOD, EEE

Dr. V.S.S. Murthy
Principal

Feedback on Certification Course "Fundamentals of Python Programming"

*Required

1. Email *

   _____

2. Roll Number *

   _____

3. Name of the Student *

   _____

4. Organization of Course and session planning by instructor. *

   Mark only one oval.

   ◯ Good

   ◯ Very Good

   ◯ Excellent

5. Clarity in content delivery. *

   Mark only one oval.

   ◯ Good

   ◯ Very Good

   ◯ Excellent

6. Content is relevant and useful *

Mark only one oval.

( ) Good

( ) Very Good

( ) Excellent

7. Adequate opportunity to interact with trainer *

Mark only one oval.

( ) Poor

( ) Fair

( ) Good

( ) very Good

( ) Excellent

8. Overall rating *

Mark only one oval.

( ) Poor

( ) Good

( ) Very Good

( ) Excellent

Google Forms

K.S.R.M. COLLEGE OF ENGINEERING
(AUTONOMOUS)
Department of Electrical & Electronics Engineering
Feedback of students on Certification Course on "Fundamentals of Python Programming"

S.No	Roll Number	Name of the Student	Organization of Course and session planning by instructor.	Clarity in content delivery.	Content is relevant and useful	Adequate opportunity to interact with	Overall rating
1	199Y1A0202	BOLISETTY VENKATA CHARITHA	Good	Good	Good	Very good	Good
2	199Y1A0205	CHILUMURI MALLESWARI (W)	Excellent	Excellent	Excellent	Excellent	Excellent
3	199Y1A0206	CHINNADI PRAMOD JOSHI	Excellent	Excellent	Excellent	Excellent	Excellent
4	199Y1A0211	DUDEKULA KARISHMA (W)	Excellent	Excellent	Excellent	Very good	Excellent
5	199Y1A0212	DURNOOTHALA REDDYVARI	Very good	Very good	Very good	Fair	Very good
6	199Y1A0213	GANDHAM NITHYA CHANDANA	Good	Good	Good	Good	Good
7	199Y1A0218	JESTADI PRAVEENKUMAR	Excellent	Excellent	Excellent	Excellent	Excellent
8	199Y1A0220	KALVAPALLI PAVITHRA (W)	Excellent	Excellent	Excellent	Excellent	Excellent
9	199Y1A0222	KATHERAPALLE SAMARA SIMHA	Excellent	Very good	Very good	Excellent	Excellent
10	199Y1A0226	KORRAPATI SAKESH REDDY	Excellent	Very good	Excellent	Very good	Excellent
11	199Y1A0230	MEEGADA SREENATH REDDY	Excellent	Very good	Very good	Very good	Very good
12	199Y1A0231	MIDDE GURU TEJA	Excellent	Very good	Excellent	Poor	Poor
13	**199Y1A0232**	**MOGASALA RUTHESH KUMAR**	Excellent	Excellent	Excellent	Excellent	Excellent
14	**199Y1A0234**	**NAGIREDDY MANIKANTA REDDY**	Very good	Very good	Excellent	Very good	Excellent
15	199Y1A0235	NAGURU SAI JYOTHI (W)	Fair	Excellent	Excellent	Excellent	Excellent
16	199Y1A0236	NAMALA INDU (W)	Excellent	Excellent	Excellent	Excellent	Excellent
17	199Y1A0240	PONNOLI SUMANTH KUMAR	Very good	Very good	Excellent	Excellent	Excellent
18	**199Y1A0246**	**SIRIGIREDDY HARI KRISHNA RED**	Very good	Excellent	Excellent	Very good	Excellent
19	199Y1A0249	SYED KHAMAR HUSSAIN	Very good	Good	Very good	Very good	Excellent
20	199Y1A0250	TADIGOTLA SOWMYA (W)	Excellent	Very good	Excellent	Very good	Excellent

K.S.R.M. COLLEGE OF ENGINEERING
(AUTONOMOUS)
Department of Electrical & Electronics Engineering
Feedback of students on Certification Course on "Fundamentals of Python Programming"

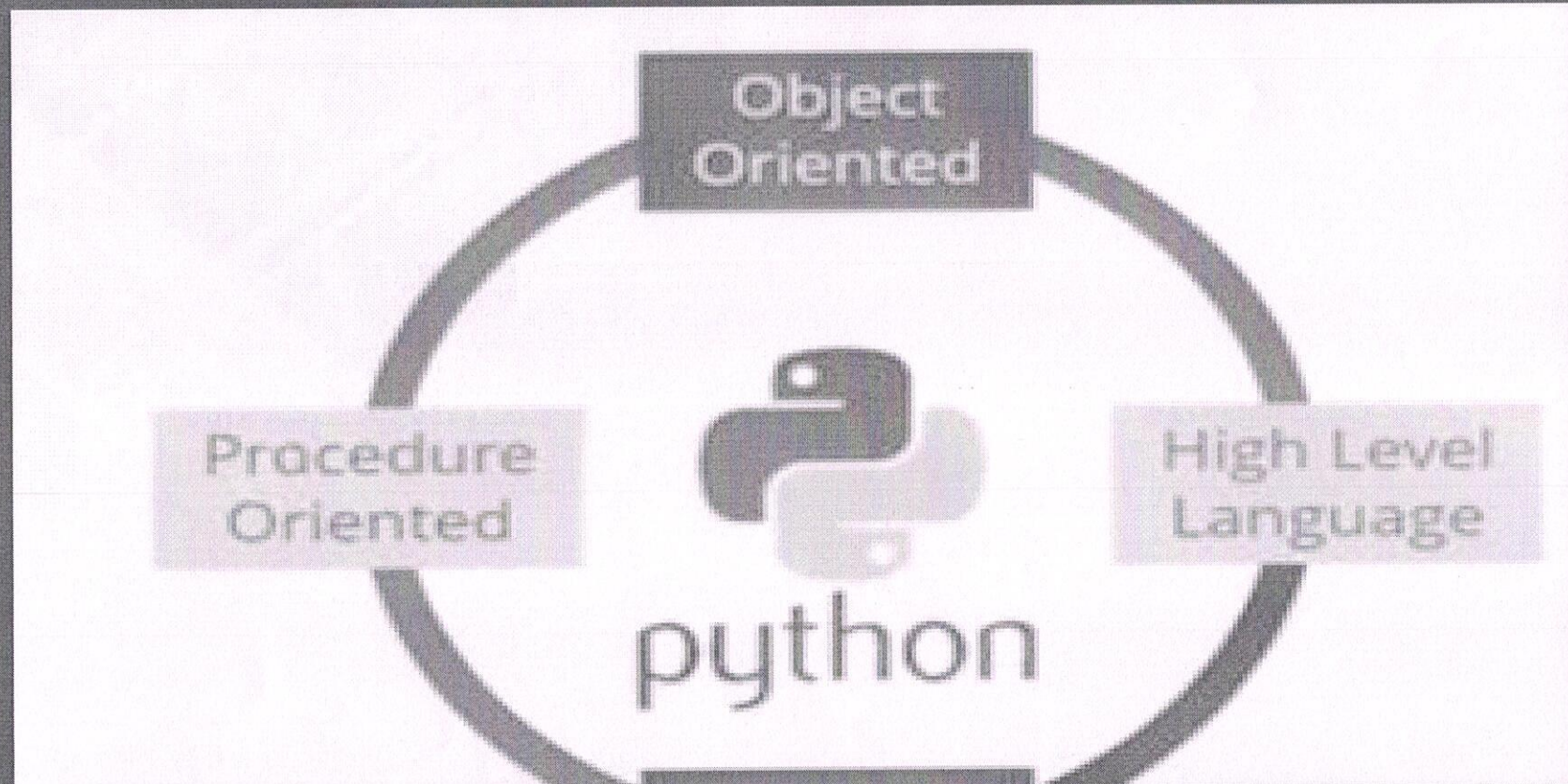| S.No	Roll Number	Name of the Student	Organization of Course and session planning by instructor.	Clarity in content delivery.	Content is relevant and useful	Adequate opportunity to interact with	Overall rating
21	199Y1A0251	THUMMALURI JYOTHI BHARGA	Very good	Very good	Good	Excellent	Excellent
22	199Y1A0252	TIRUMALA SETTY PRUDHULA (W	Excellent	Excellent	Excellent	Excellent	Excellent
23	199Y1A0253	VALLURU DIVYA TEJA (W)	Excellent	Excellent	Excellent	Excellent	Excellent
24	199Y1A0255	YAKKALURU CHANDRIKA (W)	Excellent	Excellent	Excellent	Very good	Excellent
25	199Y1A0256	YAPARALA YESHASWINI (W)	Very good	Very good	Very good	Fair	Very good
26	199Y1A0257	YERRAGUDIPADU CHANDRA	Good	Good	Good	Good	Good
27	209Y5A0201	BERI SWATHI (W)	Excellent	Excellent	Excellent	Excellent	Excellent
28	209Y5A0202	CHIRANJEEVI RAKESH	Very good	Very good	Very good	Fair	Very good
29	209Y5A0203	KOTAGULA MOHAMMAD ALI	Good	Good	Good	Good	Good
30	209Y5A0204	MOOD CHANDRAKALA (W)	Excellent	Excellent	Excellent	Excellent	Excellent
31	209Y5A0206	SUMALAPU SRAVANA SANDHYA	Very good	Good	Very good	Very good	Excellent
32	209Y5A0207	TIPPUGARI SHAHANSHA KHAN	Excellent	Very good	Excellent	Very good	Excellent
33	209Y5A0208	UPPULURU SHAIK MAHAMMAD	Very good	Very good	Good	Excellent	Excellent

coordinater

HoD

HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Kadapa -516003.

- Python introduction
- Who uses python
- Python features
- Operators in python
- Data types in python
- flow control
- Functions in python
- File handling in python

Python introduction:

★ Python was created by Guido Rossum in 1989 and is very easy to learn.

★ Python is an interpreted,object-oriented,high level programming language with dynamic sematies.

and is one of the easiest to pick

Difference between interpreter and compiler

Interpreter: The interpreter reads every line individually it reads one by one and in case if it finds an error in one of the lines,it stops processing it,and it gives the user an indication that this line has an error.

Compiler: In this the entire code is processed first and you get complete list of errors.

Who Uses Python:

- Youtube: The popular youtube video sharing service is largely written in python.
- Google: makes extensive use of python in its web search systems.
- Raspberry pi single board computer promotes python as its educational language.