

KG Reddy College of Engineering & Technology
(Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad)
Chilkur (Village), Moinabad (Mandal), R. R Dist, TS-501504

Report

On

"A Four Week Advanced Course on Data Analytics"

Under

Data Science Club



Organized by

Institutions Innovation Council

at

KG Reddy College of Engineering & Technology

Submitted by

Ms. R.Hima Sagarika, Assistant professor,

Dept. of Computer Science and Engineering



Head of the Department

HEAD

DEPT. OF COMPUTER SCIENCE & ENGINEERING
K.G. REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
CHILKUR (V), MOINABAD, R.R. DIST. 501 504.



Principal

KG Reddy College of Engineering & Technology
Chilkur (V) Moinabad (M).
R. R. Dist

Table of contents

- 1. Prerequisite of the course**
- 2. Objective of the course**
- 3. About Club**
- 4. Four-week Delivery Description**
- 5. Scope of the course**

1. Course introduction

Course Name: A Four Week Advanced Course on Data Analytics

Course duration: 4 - weeks

Organized Department: Institutions Innovation Council

Collaborations: H & S dept., Center for Innovation and Social Transformation

Course offered by – Data Science club, dept. of Computer Science and Engineering.

Venue: CEED Room KG Reddy College of Engineering and Technology, Hyderabad

Co-Ordinator: Ms. R. Hima Sagarika, Asst. Prof., Dept. of Computer Science and Engineering, KGRH

Resources Persons:

1. Ms. R. Hima Sagarika
2. Ms.A.Anusha
3. Mr.P.Naresh Kumar

2. Objective of the Course

The objectives of the course are as follows

1. Practical session on DBMS and Python Scripting
2. Brain Storming Identify the Problem statement
3. Preparation of Poster
4. Poster and Oral Presentation

3. About Data Science club

The DATA SCIENCE club has formed in the year of 2020 in our institution KG Reddy College of Engineering and Technology, Hyderabad, as a great leadership taken by the Department of Computer Science and Engineering and then in the second semester there was the Advanced course started for the students.

1. Ms. R. Hima Sagarika, Assistant Professor, Dept. of Computer Science and Engineering.

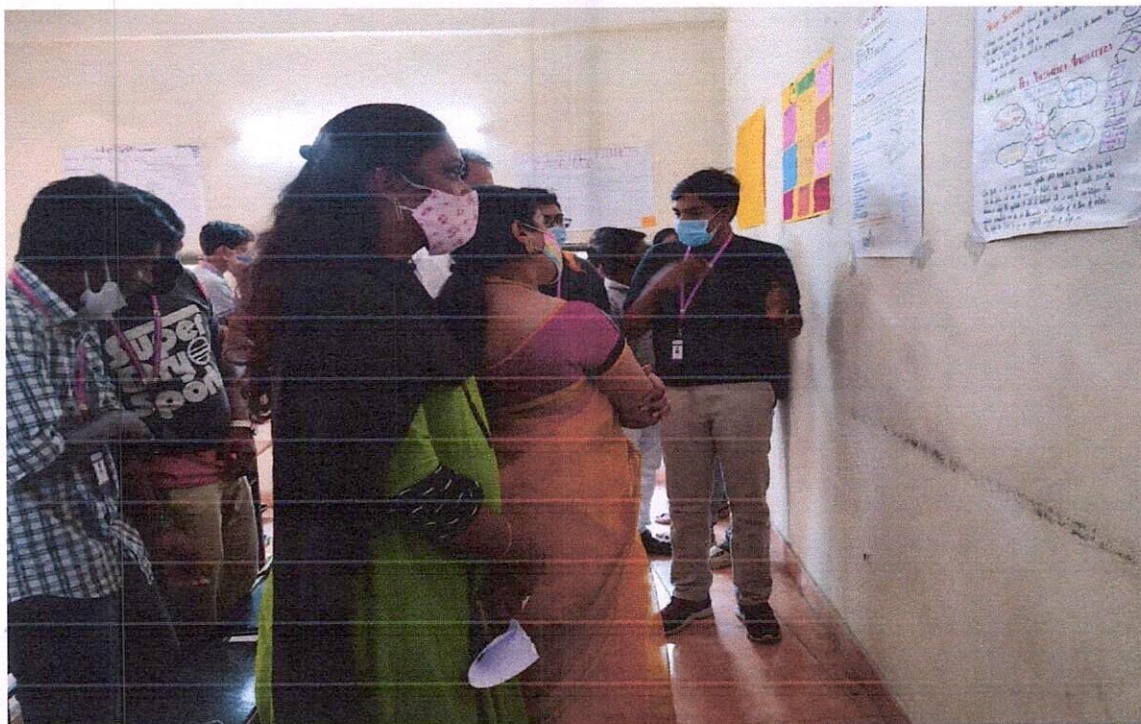
Logo of the Data Science Club

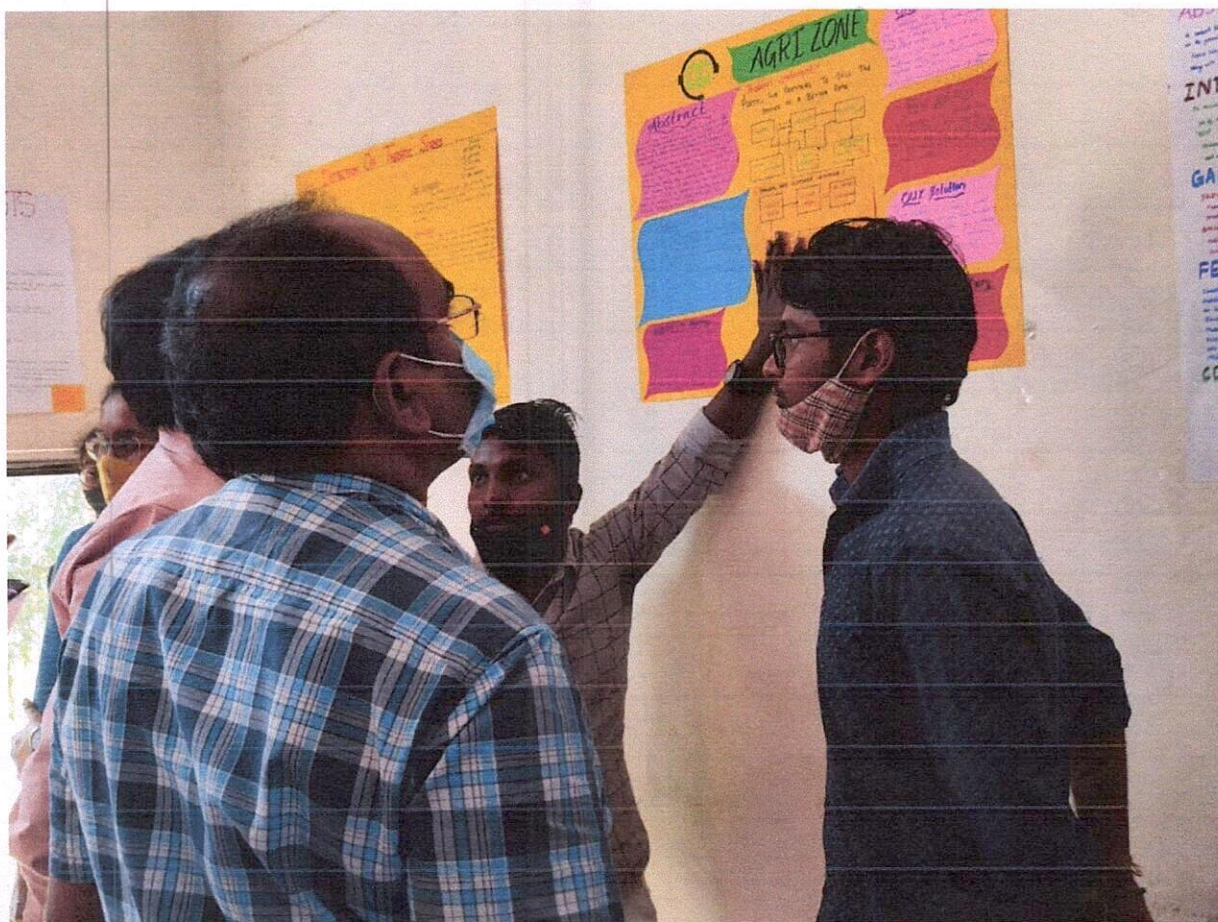


5. Four weeks Advanced Course Description:

In the first week the session was started by Ms.R.Hima Sagarika and Ms.A.Anusha the have explained how practically we can create a database and python scripting are used use to create the backend and front end for the application. So that by the foundation course and this practical session students got practical knowledge on how to develop an application. In the second week students have brainstorming session to identify the problem statements to develop an application. the session was monitored by Mr.P.Naresh Kumar and students have shared their ideas and finalized their problem statements. Brainstorming is an individual or group idea generation technique to find a solution for a particular problem by generating multiple solutions. Brainstorming and sketching really go hand in hand, as sketching is inherently brainstorming (idea generation) and brainstorming can be communicated via sketching. In the third week students have designed their posters and the session was monitored by Ms.R.Hima Sagarika and given some suggestions to the students .Finally in the fourth week students are having poster presentation. For the Poster Presentation students had come along with their posters to present their ideas for the implementation of their projects. As all the students have completed the certification so that we understood the basic level of the course So that we have planned for Advanced course and been implemented soon in the next phase. Here Each batch explained about their problem statement and idea solution. All their views and thoughts are represented in the form of charts. For every participated student's participation certificate will be given by Head of the Department. After taking consideration of Judges feedback, we are going to select best two projects among 5 batches. For Best two projects some awards will be given by Hod sir.in next phase all the students will be implementing the Real-Time projects. In this Poster Expo all the students were participated. Dr.L.V.Reddy (Professor) have came as judges and given their judgement for this expo. Here Each batch explained about their problem statement and idea solution. All their views and thoughts are represented in the form of charts. For every participated student's participation certificate will be given by Head of the Department. After taking consideration of Judges feedback, we are going to select best two projects among 5 batches. All their views and thoughts are represented in the form of charts. For every participated student's participation certificate will be given by Head of the Department. After taking consideration of Judges feedback, we are going to select best two projects among 5 batches. For Best two projects some awards will be given by Hod sir.in next phase all the students will be implementing the Real-Time projects. A four Week foundation course on Data Analytics offered basic knowledge required for Data Science Club projects. This course made students ready for carry small projects related to Data science Club by identifying problem by their own and finding sustainable solutions.For Best two projects some awards will be given by Hod sir.

Photographs of Poster Presentation:





6. Scope of the course

As all the students have completed the certification so that we understood the basic level of the course So that we have planned for Advanced course and been implemented soon in the next phase. Here Each batch explained about their problem statement and idea solution. All their views and thoughts are represented in the form of charts. For every participated student's participation certificate will be given by Head of the Department. After taking consideration of Judges feedback, we are going to select best two projects among 5 batches. For Best two projects some awards will be given by Hod sir.in next phase all the students will be implementing the Real-Time projects. A four Week foundation course on Data Analytics offered basic knowledge required for Data Science Club projects. This course made students ready for carry small projects related to Data science Club by identifying problem by their own and finding sustainable solutions. This foundation course knowledge students able to understand different Real-Time projects. So, that they can identify different problems and finding best sustainable solution by using their basic knowledge. Future they will be implementing the Real time projects

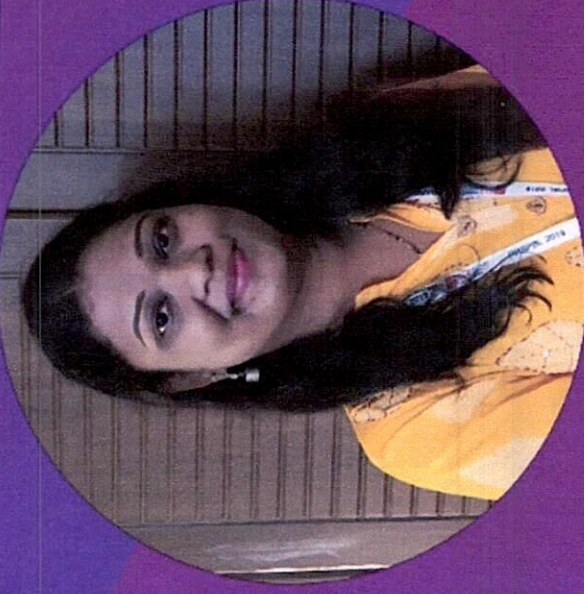
4 Week Advanced Course on DATA ANALYTICS

Organized by

Institutions Innovation Council

In association with

Department of Humanities and Sciences,
Center for Innovation and Social
Transformation



Ms. R.HIMA SAGARIKA

ASST.PROFESSOR,
DEPT OF CSE



KG REDDY

College of Engineering
& Technology

New Age Engineering

26th June

2021

10:00 AM

Department of Computer Science and Engineering

KGRCET/CSE/Data Science Club/2020-21/Sem-II/Ref No.105/1

Date:11/06/2021

Circular

It is here by informed to all the students of I B.Tech II Sem.The Department of Computer Science and Engineering is Organizing a Four Week Advanced Course on Data Analytics as a part of emerging Technology Course.Under Engineering and Sustainable Development Program organized by Data Science Club from 26th June 2021.

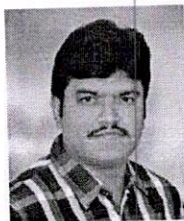

Co-Ordinator

Copy to

- Principal
- Dept.H&S
- All the Staff of CSE
- Dean Academics
- Notice Board
- IQAC
- CEED


Head of the Department

DEPT. OF COMPUTER SCIENCE & ENGINEERING
K.G. REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
CHILKUR (V), MOINABAD, R.R. DIST.501 504.



#	Details
Name	Mr. P Naresh Kumar
Designation	Assistant Professor
Department	Computer Science and Engineering (CSE)
Qualification	M.Tech _S.E
Total Experience	12 Years
Email	pnrshkumar@kgr.ac.in
Phone	+91 – 8555070341, +91 – 9440575412
Area of Interest	Artificial Intelligence, Machine Learning, Natural Language Processing, IoT
Papers Published (2)	The Image Level Tainting_A New Approach for Preventing SQL Injection Attacks
	A Survey on various Image Analysis Techniques (Scopus)
Professional Body Membership	IEEE, IAENG, CSTA, ICSES

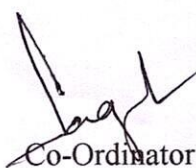
Week-1 Attendance

S.No	Roll Number
1	20QM1A0104
2	20QM1A0505
3	20QM1A0506
4	20QM1A0507
5	20QM1A0509
6	20QM1A0510
7	20QM1A0512
8	20QM1A0514
9	20QM1A0523
10	20QM1A0537
11	20QM1A0544
12	20QM1A0570
13	20QM1A6608
14	20QM1A6701
15	20QM1A6708
16	20QM1A6729
17	20QM1A6739
18	20QM1A6740
19	20QM1A6634
20	20QM1A6612


Co-Ordinator

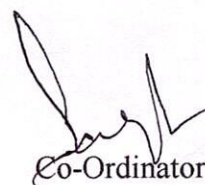
WEEK-2 Attendance

S.No	Roll Number
1	20QM1A0104
2	20QM1A0505
3	20QM1A0506
4	20QM1A0507
5	20QM1A0509
6	20QM1A0510
7	20QM1A0512
8	20QM1A0514
9	20QM1A0523
10	20QM1A0537
11	20QM1A0544
12	20QM1A0570
13	20QM1A6608
14	20QM1A6701
15	20QM1A6708
16	20QM1A6729
17	20QM1A6739
18	20QM1A6740
19	20QM1A6634
20	20QM1A6612


Co-Ordinator

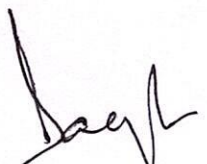
Week-3 Attendance

S.No	Roll Number
1	20QM1A0104
2	20QM1A0505
3	20QM1A0506
4	20QM1A0507
5	20QM1A0509
6	20QM1A0510
7	20QM1A0512
8	20QM1A0514
9	20QM1A0523
10	20QM1A0537
11	20QM1A0544
12	20QM1A0570
13	20QM1A6608
14	20QM1A6701
15	20QM1A6708
16	20QM1A6729
17	20QM1A6739
18	20QM1A6740
19	20QM1A6634
20	20QM1A6612


Co-Ordinator

Week-4 Attendance


S.No	Roll Number	Name of the Student	Signature
1	20QM1A0104	Gundeboina Akhil	Akhil
2	20QM1A0505	Allada Harsha Sri Udaya Sankara Ganesh	Udaya
3	20QM1A0506	Alle Saikumar	Saikumar
4	20QM1A0507	Hemanthsai G	Hemanth
5	20QM1A0509	Bandi. Varshini	Varshini
6	20QM1A0510	Banda Nikith Sai Reddy	Nikith
7	20QM1A0512	Sai Krishna	Sai Krishna
8	20QM1A0514	Banothu Vivekananda	Vivekananda
9	20QM1A0523	Chennoju Rajinesh	Rajinesh
10	20QM1A0537	Jangam Karthik	Karthik
11	20QM1A0544	K. Vamshi Krishna	Vamshi Krishna
12	20QM1A0570	Pathlovath Uday	Uday
13	20QM1A6608	Bodapati Sai Bhargav Rao	Bhargav
14	20QM1A6701	Aindla Laya Sri	Aindla
15	20QM1A6708	Borelli Ajay Kumar	Ajay
16	20QM1A6729	Mohd Abdul Kashif	Kashif
17	20QM1A6739	Vallimalai Varaprasad	Varaprasad
18	20QM1A6740	L. Praneeth Kumar	Praneeth Kumar
19	20QM1A6634	Mohd Mannan Ahmed	Md. Mannan Ahmed
20	20QM1A6612	Dadvaiah Pavan	Pavan

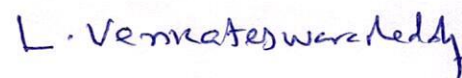

Co-Ordinator

Evaluating the Projects

Judge: Dr. L.V.Reddy

S.No	Roll Number	Batch	Problem Definition	Concept Generation	Design	Oral Presentation	
1	20QM1A0104	1	3	3	4	3	13
2	20QM1A0505						
3	20QM1A0506						
4	20QM1A0507						
5	20QM1A0509	2	3	3	3	3	12
6	20QM1A0510						
7	20QM1A0512						
8	20QM1A0514						
9	20QM1A0523	3	3	3	4	4	14
10	20QM1A0537						
11	20QM1A0544						
12	20QM1A0570						
13	20QM1A6608	4	3	3	4	3	14
14	20QM1A6701						
15	20QM1A6708						
16	20QM1A6729						
17	20QM1A6739	5	3	3	3	4	13
18	20QM1A6740						
19	20QM1A6634						
20	20QM1A6612						


Co-Ordinator

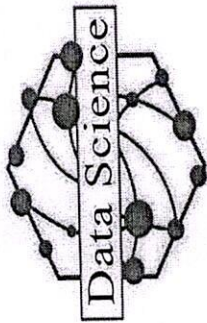


Hod-CSE
HEAD

DEPT. OF COMPUTER SCIENCE & ENGINEERING
A.G. REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
CHILKUR (V), MOINAABAD, R.R. DIST.501 504.



KG REDDY
College of Engineering
& Technology
Engineering India's Changemakers



CERTIFICATE OF PARTICIPATION

This is to place on record and appreciate Mr/Ms G. Akhila for Presenting Poster Presentation after completing "A four week Advanced Course on Data Analytics" Under Data Science Club organized by Institutions Innovation Council on 10-07-2021 at KG Reddy College of Engineering & Technology.

Club In-Charge
R. Hima Sagarika

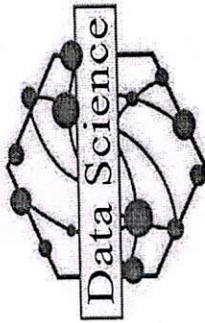
Mr. Umashanker
HoD-H&S

Dr. L. V. Reddy
HoD-CSE

Dr. R. S. Jahagirdar
Principal-KGCET
PRINCIPAL
KG Reddy College of Engineering & Technology
Chilkur (V), Molinabad (M),
R.R. Dist. Telangana,



KG REDDY
College of Engineering
& Technology
Engineering India's Changemakers



CERTIFICATE OF PARTICIPATION

This is to place on record and appreciate Mr/Ms A. Sakumay for Presenting Poster Presentation after completing "A four week Advanced Course on Data Analytics" Under Data Science Club organized by Institutions Innovation Council on 10-07-2021 at KG Reddy College of Engineering & Technology.

Club In-Charge
R. Hima Sagarika

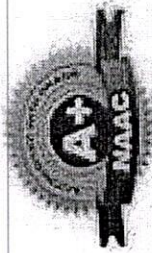
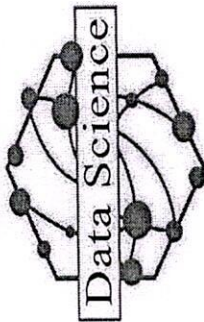
Mr. Umashanker
HoD-H&S

Dr. L. V. Reddy
HoD-CSE

Dr. R. S. Jahagirdar
Principal-KGCET
PRINCIPAL
KG Reddy College of Engineering & Technology
Chilukur (V), Molinabad (M),
R.R. Dist. Telangana.



KG REDDY
College of Engineering
& Technology
Engineering India's Changemakers



CERTIFICATE OF PARTICIPATION

This is to place on record and appreciate Mr/Ms J. Karthik for Presenting Poster Presentation after completing "A four week Advanced Course on Data Analytics" Under Data Science Club organized by Institutions Innovation Council on 10-07-2021 at KG Reddy College of Engineering & Technology.

Club In-Charge
R. Hima Sagarika

Mr. Umashanker
HoD-H&S

Dr. L. V. Reddy
HoD-CSE

Dr. R. S. Jahagirdar
Principal-KGRCET
PRINCIPAL
KG Reddy College of Engineering & Technology
Chilkur (V), Molinabad (M),
R.R. Dist. Telangana,

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: *G. Akh11*
2. Roll Number: *208M/A0104*
3. Email: *akh1gundeboina@gmail.com*
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): *5*
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): *5*
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

It's very useful session

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Allada Harsha Sri odaya Sankara Ganes
2. Roll Number: 208M1A0505
3. Email: allesaikumar 122@gmail.com
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Nothing

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Alle Saikumar
2. Roll Number: 20GM1A0506
3. Email: allesaikumar122@gmail.com
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5
6. The session was structured and well organized?
 - Agree
 - Disagree
 - Strongly Agree
 - Strongly Disagree
 - ☒ Neutral
7. Any Valuable Suggestions?

Nothing

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: *Hemanth Sai. G.*
2. Roll Number: *208M1A0507*
3. Email: *Hemanthsai.g.201@gmail.com*
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): *4*
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): *5*
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Good

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: *Bandi Varshini*
2. Roll Number: *208M1A0509*
3. Email: *Bandivarshini2002@gmail.com*
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): *5*
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): *5*
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Excellent

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Bandi Nikitha Sai Reddy

2. Roll Number: 20 QM1A0516

3. Email: nikitha20072002@gmail.com

4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5

5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5

6. The session was structured and well organized?

- Agree
- Disagree
- Strongly Agree
- Strongly Disagree
- Neutral

7. Any Valuable Suggestions?

We can conducted more courses like this

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Sai krishna
2. Roll Number: 208M1A0512
3. Email: Sai.krishna.bangaru2003@gmail.com
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Provide more Sessions

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Banoth. Vivekananda
2. Roll Number: 209M1A0514
3. Email: viveknoty44@gmail.com
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Nothing

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: *Chennofu Rajineth*
2. Roll Number: *208 M1A0523*
3. Email: *vayineth 31 @ gmail .com.*
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): *5*
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): *5*
6. The session was structured and well organized?
 - Agree
 - Disagree
 - ☒ Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

expecting some more. Handson Sessions

Feedback from for Students on Four Week Advanced Course

1. Name of the Student: Jagam Karthik
2. Roll Number: 209M1A0537
3. Email: karthikjagam2003@gmail.com
4. How satisfied were you with the session content?
(Out of 1 to 5 give your Rating): 5
5. How relevant and helpful do you think?
(Out of 1 to 5 give your Rating): 5
6. The session was structured and well organized?
 - Agree
 - Disagree
 - Strongly Agree
 - Strongly Disagree
 - Neutral
7. Any Valuable Suggestions?

Good