



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC)

1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist., A.P.

Ph: (08852) – 252233, 252234, 252235 Fax: (08852) – 252232

DEPARTMENT OF CSE (DATA SCIENCE)

DATA VIBES (January 2023 to June 2023)

VOLUME: 2

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EDITOR:

Mr. M V Rajesh

Assoc. Professor and HoD

ADVISOR'S:

Mr. K Srikanth

Mrs. K Harika

STUDENT COORDINATORS:

V V V Harika – III CSE (Data Science)

G Venkatesh – III CSE (Data Science)

FROM THE HoD's DESK



Department of CSE (Data Science) have been started in the year 2020-21. The stream of **Data Science** enables organizations to analyze all their data (real-time, historical, unstructured, structured, qualitative) to identify patterns and generate insights to inform and, in some cases, automate decisions, connecting intelligence and action. Today's best solutions support the end-to-end analytical process from accessing, preparing, and analyzing data to operationalizing analytics and monitoring results.

Students of our department have started an Industry 4.0 club from the department titled "Data Analytics Club". As part of the club there are student members from all branches of engineering. The objective of the club is to help Students to upgrade themselves with the tools and techniques of Data Analytics. Many different activities are conducted as part of the department and also as club activities like Seminars, Technical Series, Technical Quizzes and Data Product Panoply. Good number of students from different branches in the college has attended to these events and got benefited.



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DEPARTMENT OF CSE (DATA SCIENCE)

THE VISION OF CSE (DATA SCIENCE):

To emerge as a center of technical expertise in the field of computer science and engineering by producing globally competent professionals with technical & research capabilities, ethical values and team spirit.

THE MISSION OF CSE (DATA SCIENCE):

DM1: To produce competent software professionals.

DM2: To induce application oriented and research capabilities in students for the betterment of society

DM3: To inculcate ethics and human values in students to adapt to the dynamism in the field of computing technology.

STAFF LIST:

S. No.	Name of the Faculty Member	Designation
1	MR. M V RAJESH	ASSOCIATE PROFESSOR & HOD
2	MR. K SRIKANTH	ASSISTANT PROFESSOR
3	MRS. K HARIKA	ASSISTANT PROFESSOR
4	MRS. CH VEERA GAYATHRI	ASSISTANT PROFESSOR
5	MRS. N. VANI SANTHOSHI SOWJANYA	ASSISTANT PROFESSOR
6	MRS. A. DAIVA KRUPA NIRMALA	ASSISTANT PROFESSOR

FACULTY ACHIEVEMENT:

S. No.	Name(s) of the Faculty	Details of the Achievement
1	Mr. M V Rajesh	SPOC - SWAYAM NPTEL LOCAL CHAPTER at Pragati Engineering received the Certificate of Appreciation from NPTEL Coordinator, IIT Madras for the instrumental role as SPOC during Jan-APr 2023.
2	Mr. M V Rajesh	SPOC - SWAYAM NPTEL LOCAL CHAPTER at Pragati Engineering received the Letter of Appreciation from NPTEL Coordinator, IIT Madras for coordinating NPTEL - Soft Skills Training Program from 03 April, 2023 to 08 April, 2023 in a successful manner.
3	Mr. M V Rajesh	SPOC - SWAYAM NPTEL LOCAL CHAPTER at Pragati Engineering received the Letter of Appreciation from NPTEL Coordinator, IIT Madras for coordinating NPTEL - Soft Skills Training Program from 12 Jun, 2023 to 17 Jun, 2023 in a successful manner.



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4	Mr. M V Rajesh	SPOC - SWAYAM NPTEL LOCAL CHAPTER at Pragati Engineering received the Letter of Appreciation from NPTEL Coordinator, IIT Madras for coordinating NPTEL - Soft Skills Training Program from 12 Jun, 2023 to 17 Jun, 2023 in a successful manner.
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FACULTY ACTIVITIES:

S. No.	Name(s) of the Faculty	Details of the Activities
1	Mr. M V Rajesh	Attended an online workshop on the topic, “The Pathway to Explainable and Responsible Business Analytics” by Dr. Kristof Coussement, IÉSEG Center of Marketing Analytics (ICMA), Lille Campus, France on 7 Apr 2023, as part NPTEL+ Research Seminar Series.
2	Mr. M V Rajesh	Attended an online workshop on the topic, “Qualitative data analysis method: Thematic analysis” by Prof. Chavi Fletcher-Chen, IÉSEG Center of Marketing Analytics (ICMA), Lille Campus, France on 6 May 2023, as part NPTEL+ Research Seminar Series.
3	Mr. M V Rajesh	Successful participation in the 5 Days Online International Faculty Development Program on Data Science and ChatGPT - Everyday Learning Program, organized by ExcelR in Collaboration with KL University, Vijayawada, A.P from 15th May 2023 To 19th May. 2023.
4	Mr. M V Rajesh	Attended an online workshop on the topic, “Transforming Your API Testing Approach with Postman Automation” by Mr. Keyur Shah and Mr. Saiteja Ithagani, Encora on 03 Jun 2023, as part NPTEL+ Workshops.
5	Mr. M V Rajesh	Attended an online workshop on the topic, “Introduction to Healthcare - Stakeholders & Key Processes” by Ms. Vaisnavi & Ms. Rajeswari, GAVS on 9 Jun 2023, as part NPTEL+ Workshops.
6	Mr. M V Rajesh	Attended an online workshop on the topic, “Leveraging Generative AI for Teaching Programming Courses” by Prof. Viraj Kumar, IISc Bangalore on 10 to 18 Jun 2023, as part NPTEL+ Workshops.
7	Mr. M V Rajesh	Attended an online workshop on the topic, “Introduction to Language Models” by Prof. Ramaseshan Ramachandran, CMI, Chennai from 17th to 21st July 2023, as part NPTEL+ Workshops.
8	Mr. M V Rajesh	Successful participation in the one day Professional Development Workshop on Digital Creativity Skills as a part of Adobe Academic Essential program.
9	Mr. M V Rajesh	Successful participation in 5 Day’s Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR. from 19th June 2023 to 23rd June 2023.
10	Mr. K Srikanth	Successful participation in the 5 Days Online International Faculty Development Program on Data Science and ChatGPT - Everyday Learning Program, organized by ExcelR in Collaboration with KL University, Vijayawada, A.P from 15th May 2023 To 19th May. 2023.
11	Mr. K Srikanth	Successful participation in the one day Professional Development Workshop on Digital Creativity Skills as a part of Adobe Academic Essential program.



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12	Mrs. K Harika	Successful participation in the 5 Days Online International Faculty Development Program on Data Science and ChatGPT - Everyday Learning Program, organized by ExcelR in Collaboration with KL University, Vijayawada, A.P from 15th May 2023 To 19th May. 2023.
13	Mrs. K Harika	Successful participation in the one day Professional Development Workshop on Digital Creativity Skills as a part of Adobe Academic Essential program.
14	Mrs. K Harika	Successful participation in 5 Day's Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR. from 19th June 2023 to 23rd June 2023.
15	Mrs. Ch Veera Gayathri	Successful participation in the 5 Days Online International Faculty Development Program on Data Science and ChatGPT - Everyday Learning Program, organized by ExcelR in Collaboration with KL University, Vijayawada, A.P from 15th May 2023 To 19th May. 2023.
16	Mrs. Ch Veera Gayathri	Successful participation in the one day Professional Development Workshop on Digital Creativity Skills as a part of Adobe Academic Essential program.
17	Mrs. Ch Veera Gayathri	Successful participation in 5 Day's Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR. from 19th June 2023 to 23rd June 2023.
18	Mrs N Vani Santhoshi Sowjanya	Successful participation in 5 Day's Online International Faculty Development Program on Data Analyst organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR. from 19th June 2023 to 23rd June 2023.

NPTEL ONLINE COURSES DONE BY FACULTY:

S. NO	NAME OF THE FACULTY	NAME OF THE COURSE	CERTIFICATE TYPE
1	Rajesh M V	Psychiatry – An Overview and How to Brain Creates Mind	Successfully completed

NPTEL ONLINE COURSES DONE BY STUDENTS:

S. NO	ROLL NUMBER	NAME OF THE STUDENT	NAME OF THE COURSE	CERTIFICATE TYPE
1	20A31A4428	Gopi Krishna Reddy Atla	Python for Data Science	Elite
2	20A31A4443	Koyi Tarunkumar	Python for Data Science	Elite
3	20A31A4460	V Karthikeya Iswaryan Lolla	Python for Data Science	Elite
4	20A31A4463	Viraj Singamsetti	Data Science for Engineers	Successfully completed



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5	21A35A4404	Kurapati Sai Yaswanth	Python for Data Science	Successfully completed
6	21A31A4408	Palla Gayatri Chakrani	Python for Data Science	Elite
7	21A31A4424	Reddy Hema	Python for Data Science	Successfully completed
8	21A31A4434	Yaramati Lakshmi Satya Sri	Python for Data Science	Elite
9	21A31A4435	Yarra Lalitha Dabi Varshini	Python for Data Science	Successfully completed
10	20A31A4443	Koyi Tarunkumar	Data Analytics with Python	Successfully completed
11	20A31A4462	Veeravalli Sohan Venkata Satvik	Natural Language Processing	Successfully completed
12	21A31A4405	Ayinala Bhargavi sowmya	Data Analytics with Python	Successfully completed
13	21A31A4416	Nelluri saijyothi	Introduction to Database Systems	Successfully completed
14	21A31A4419	PEDIREDDYHARIKA	Introduction to Database Systems	Successfully completed
15	21A31A4422	Putsala Pujitha	Introduction to Database Systems	Successfully completed

STUDENT ACHIEVEMENT:

S. No	Roll Number	Name of the Student	Title of the Program	Date / Period of the Activity	Result / Outcome
1	21A31A4401	Addala Bhargavi	Data Science with Python course from SkillUP by Simplilearn	04-01-2023	Certificated
2	21A31A4423	P.Satya Harshitha	Linkedin-python buid a quiz application	08-01-2023	Passed
3	20A31A4412	M.S.Pranjal	1.AWS cloud foundation, 2.AWS DataAnalytics	Jan 2023	Successfully completed the course.
4	21A31A4420	K Satya Darshini	1.AWS cloud foundation, 2.AWS DataAnalytics	Jan 2023	Successfully completed the course.
5	21A31A4419	R.S.G.G.S Sowmy a	1.AWS cloud foundation, 2.AWS DataAnalytics	Jan 2023	Successfully completed the course.



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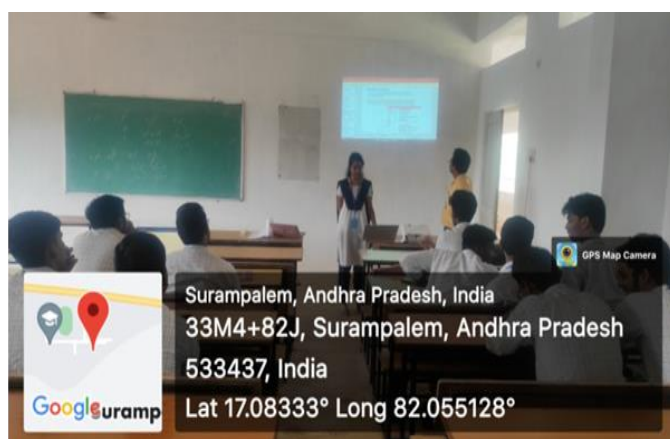
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6	20A31A4423	V.V.V. Harika	1.AWS cloud foundation, 2.AWS DataAnalytics	Jan 2023	Successfully completed the course.
7	20A31A4436	Parameswara Reddy G	Fundamentals of data analytics	17-01-2023	Certificated
8	21A31A4401	Addala Bhargavi	Microsoft Azure Data Fundamentals	09-01-2023	Certificated
9	21A31A4401	Addala Bhargavi	Cybersecurity Essentials from CISCO Networking Academy	14-01-2023	Certificated
10	22A35A4405	PALLA RAKESH	Azure Data Fundamentals	08-01-2023	Certificated
11	22A35A4405	PALLA RAKESH	Academic Process Mining Fundamentals	15-01-2023	Certificated
12	21A31A4422	PUTSALA PUJITHA	Python For Datascience(Issued By IBM)	03-01-2023	Certificated
13	21A31A4419	Pedireddy Harika	Microsoft Azure data fundamentals	10-01-2023	Certificated
14	21A31A4430	Sahana Telugunta	Azure Data Fundamentals	09-01-2023	Certificated
15	20A31A4436	Parameswara Reddy Guruguri	Microsoft Security Administration	31-01-2023	Certificated
16	20A31A4448	MEDISETTI SRI SAI NAGENDRA	1. Microsoft Data Fundamentals 2.Microsoft Azure Data Scientist Associate	09-01-2023	Certificated
17	20A31A4464	Y MAHENDRA REDDY	Microsoft Azure Data Scientist Associate	09-01-2023	Certificated

STUDENT ACTIVITIES:

- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Revision and practice session on Numpy** was conducted by **V.V.V.Harika(20A31A4423)** on 10-02-2023 from 01:00 PM to 02:00 PM.





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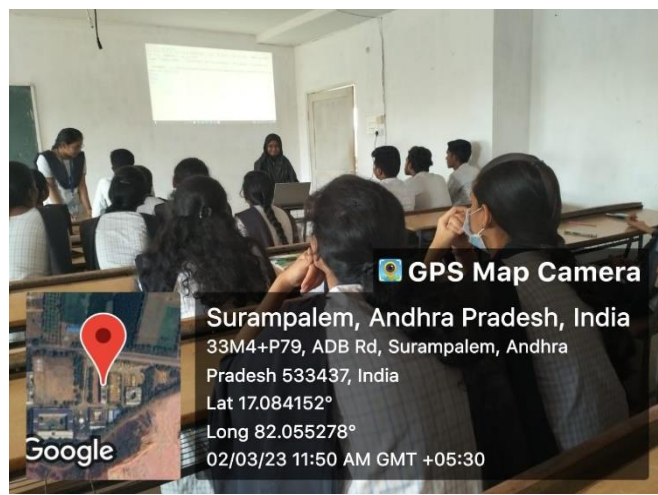
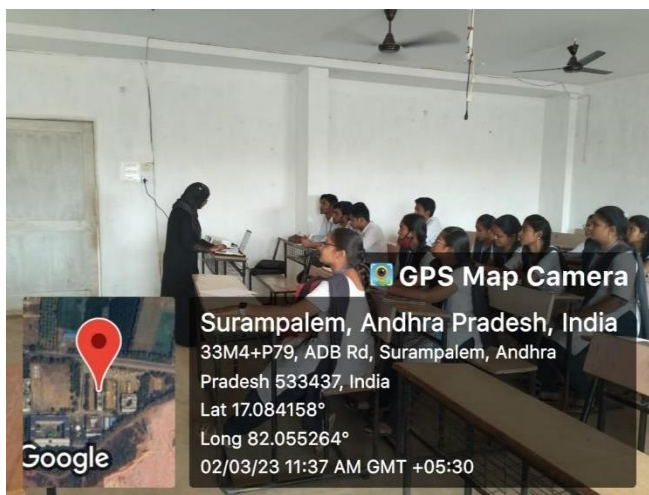
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- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Error handling, conditional statements & loops** was conducted by **N. Sai Jyothi (21A31A4416)** on 23-02-2023 from 11:00-12:00 AM.



- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Introduction to OOPS** was conducted by **D.Raseeda (20A31A0504)** on 02-03-2023 from 11:00-12:00 AM.



- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Python for Data Handling** was conducted by **G.Venkatesh (20A31A4431)** on 10-03-2023 from 11:00-12:00 AM.



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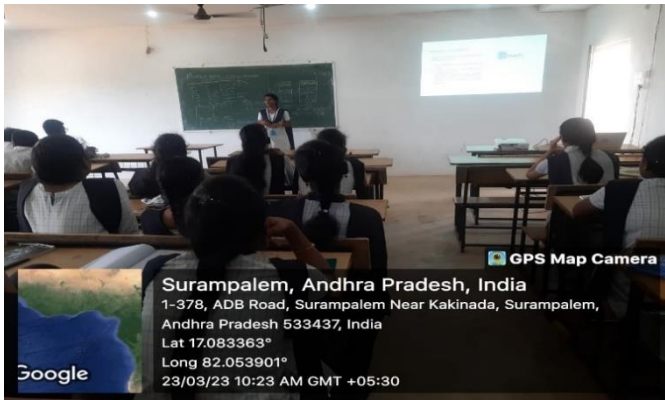
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- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Design and Implementation of Data Science Solution on Cloud** was conducted by **R.Sowmya(20A31A4419)** , **K.Darshini(20A31A4420)** on 23-03-2023 from 10:00AM-12:00 PM.



- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Data Product Panoply** was conducted on 24-03-2023 from 1:00PM-4:00 PM. Technical event is discussed about various Data Products like Google Analytics, Sisense, Dashboard, Heap Analytics, E-Commerce Product Recommendation System, Cyfe, Sem Rush.





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- As part of the technical activities under the Data Analytics Club of Department of CSE (Data Science), a session of the Technical Series on **Python for Data Handling** was conducted by **G.Venkatesh (20A31A4431)** on 04-04-2023 from 01:00 PM to 02:00 PM.



NSS ACTIVITY PARTICIPATIONS

S. No	Roll Number	Name of the Student	Title of the Program	Date / Period of the Activity	Place of the Activity	Result / Outcome
1	20A31A4464	YMAHENDRA REDDY	REPUBLIC DAY	26/01/2023	JNTU-KAKINADA	

SPORTS ACHIEVEMENTS

S. No	Roll Number	Name	Title of the Program	Date /Period of the Activity	Place of the Activity	Result /Outcome
1	20A31A4454	Bala Manoj Gupta Pachipulusu	Chess Competition in Men's category	28th May, 2023	Shubhalagna Vedika, Guru Nanak Colony, Vijayawada	Runner

ACADEMIC TOPPERS:

S.No	Section	Year	RollNo.	Name of student	SGPA	Rank
1	A	I-I	22A31A4404	Chavvakula Lasyavalli	9.69	1
2			22A31A4402	Balla Aarathisree	9.69	2
3	B		22A31A4484	Dammala Bhanu Durgesh	9.54	1
4			22A31A4463	Adapa Amrutha Varshini	9.38	2
1	A	I-II	22A31A4402	Balla Aarathisree	9.54	1
2			22A31A4447	Malla Sudarsan Sai Sunny	9.54	2



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3	B		22A31A4463	Adapa Amrutha Varshini	9.69	1
4			22A31A4464	Angara Devi Mahi	9.54	2
1	-	II-I	21A31A4401	Addala Bhargavi	9.29	1
2	-		21A31A4416	Nelluri Sai Jyothi	9.29	2
1	-	II-II	21A31A4419	Pedireddy Harika	9.3	1
2	-		21A31A4424	Reddy Hema	9.16	2
1	-	III-I	20A31A4404	Bayyapu Meghana	9.18	1
2	-		20A31A4423	Vanum Veera Venkata Harika	8.94	2
1	-	III-II	20A31A4417	Posina Venupriya	8.74	1
2	-		20A31A4414	Mummareddi Saivanitha	8.6	2