



**PARVATHANENI BRAHMAYYA  
SIDDHARTHA COLLEGE OF ARTS & SCIENCE**  
Siddhartha Nagar, VIJAYAWADA - 520 010, Andhra Pradesh  
Autonomous, NAAC A+ Grade, ISO Certified Institution



## **6.5.3**

# **Collaborative Quality Initiatives**



## INDEX

Sino	Resource Person	Name of the Collaborative Institution	Name of the Programe on Quality initiative	Date	Duration	No of benefited	Page no
1	Sri. Ch Vijaya Kumar	Muves Consultany pvt ltd.	WORKSHOP ON FINANCIAL EDUCATION FOR YOUNG CITIZENS	23rd January and 24th January, 2024.	2days	75	4
2	Mr. K.Saketh Reddy	Codegnan IT Solutions Pvt. Ltd., Vijayawada.	Hands on Workshop on Deep Leaning using Python	14th to 22rd March 2022	8days	50	7
3	Ganesh Nag Doddi	BrainOvision SOLUTIONS IND PVT LTD	Workshop on REACTJS	5th to 10th July 2021	6days	345	12
4	Mr.V.Rupesh Kumar,Ms. Ramya Vardhini	Department of Computer Science & APSSDC	Workshop on Amazon Web Services (AWS)	7th to 9th January 2020	3days	100	21
5	Mr. KRANTHI KUMAR PALISETTY	ICT Academy, Chennai.	“Salesforce ADX201 STUDENTS WORKSHOP	25th NOV 2019 to 30thNOV2019	6days	50	22
6	Ms.Valli	ICT Academy.	“Microsoft Azure AI Engineer Associate”	28th August 2023 to 01st September 2023	5days	30	29
7	Mr. B.Akhil,	Saadruso Technologies, Hyderabad	First Review of Intern Students by Saadruso Technologies	28th April 2023	1day	36	30
8	Mr.Sridhar Kavuri,	P.B.Siddhartha College of Arts & Science	MOU with NASSCOM	15th to 20th July 19	6days	28	34
9	Ms. Kadarla Archana,Mr . Yasareni Srinivas,	Pragmatiq Systems	Internship	12th August 2023 to 14th October 2023	27days	90	35
10	Dr. Venkatanar eshbabu Kuppili,	Department of CSE, NIT, Goa.	“Webinar on Deep Learning using Autoencoders”	16th to 17th June 2020	2days	658	37

<b>11</b>	Mr.A.Laksh mana Rao	raghu engineering college	Webinar on Machine Learning Algorithms for Practical Approach	7th to 9th June 2020	2days	613	<b>38</b>
<b>12</b>	Ms. Hema Sri	Pantech	Webinar on Python Programming	23rd July 2020	1day	253	<b>39</b>

## WORKSHOP ON FINANCIAL EDUCATION FOR YOUNG CITIZENS

### **Objective: To inculcate financial awareness among students**

Department of Commerce, P. B. Siddhartha College of Arts & Science has organized a 2 - Day Workshop for B.Com (Hons A & F) and (TPP) students on **Financial Education For Young Citizens** a CSR initiative by Aditya Birla Capital and National Institute of Securities Markets (NISM) on 23<sup>rd</sup> January and 24<sup>th</sup> January, 2024.

**Number of Students Attended: 75**

**Number of Students Certified: 75**

**Outcome of Workshop:** The students now able to understand financial aspects in life.

**Resource Person:** Sri. Ch Vijaya Kumar, Representation of NISM and Director of Muves Consultany pvt ltd.

**Workshop Coordinators:** Sri K. Narayana Rao, HOD and Sri. B. Phani Krishna Asst. Professor.

He explained

- Financial Awareness
- Instant gratification
- Delayed gratification
- Rule 72
- Selection of Mutual funds.





Vijayawada, AP, India  
Sri Natarajan Gulzar Road, Siddhartha Nagar,  
Vijayawada, 520010, AP, India  
Lat 16.504926, Long 80.647828  
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Note : Captured by GPS Map Camera



Vijayawada, AP, India  
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Vijayawada, 520010, AP, India  
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GPS Map Camera

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GPS Map Camera

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Vijayawada, 520010, AP, India

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**P.B.Siddhartha College of Arts & Science :: Department of Computer Science  
14<sup>st</sup> to 22<sup>rd</sup> March 2022 (Eight Days)  
Hands on Workshop on Deep Learning using Python**



The Department of Computer Science, P.B.Siddhartha College of Arts & Science had organized a “Hands on Workshop on Deep Learning using Python” for Faculty and Under Graduate Students from 14<sup>th</sup> to 22<sup>nd</sup> March 2022, 2 P.M to 3 P.M in collaboration with Codegnan IT Solutions Pvt. Ltd., Vijayawada.

Mr. K.Saketh Reddy, COO, Codegnan IT Solutions Pvt. Ltd., Vijayawada was the resource person. He explained *Introduction to Deep Learning, Introduction to Artificial Neural Networks, Building ANN from Scratch, Building ANN with one Hidden Layer, Understanding different Deep Learning Frame Works, Implementing Linear Regression Model with Tensor Flow, Raw Implementation of Simple Neural Network to classify MNIST Digits Dataset, Building Deep Neural Network in Keras and Introduction to Convolution Neural Networks.*

Number of Participants: 50 (4 Faculty Members + 46 Students)

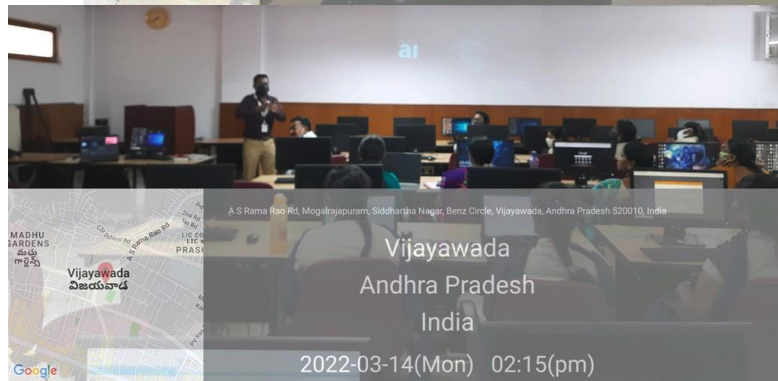
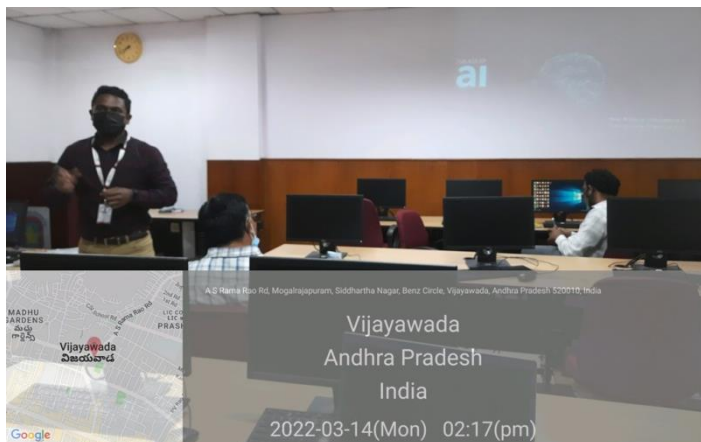
Outcome of Workshop:

- Participants gained knowledge on *Deep Learning Frame Work.*
- Participants implemented a *Linear Regression Model with Tensor Flow.*
- Participants able to build *First Convolution Neural Networks.*

Resource Person: Mr. K.Saketh Reddy, Chief Operating Officer, Codegnan IT Solutions Pvt. Ltd., Vijayawada.

Mobile: 8106429771 Email: saketh@codegnan.com

Event Coordinator: M.Suneela, Assistant Professor, Department of Computer Science



**Hands-on Workshop on  
Deep learning using Python**

**14 - 22 March, 2022**

**Organised by  
Department of Computer Science  
P.B. Siddhartha College of Arts &  
Science, Vijayawada**



**HOD  
Dr.T.S.Ravi Kiran**

**Dean  
Prof. Rajesh C Jampala**

**Director  
Mr.V.Babu Rao**

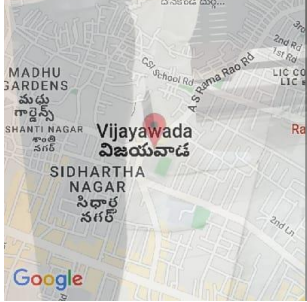
**Principal  
Dr. M.Ramesh**

One day

Hands on Workshop on “Python for data Science” by Sai Ram garu  
Codegnan IT sokutions







GJ4X+88R, Mogalrajapuram, Siddhartha Nagar, Vijayawada, Andhra Pradesh 520010, India

Vijayawada  
Andhra Pradesh  
India

2022-07-15(Fri) 10:25(am)

☁️  
31°C  
88°F

Department of Computer Science

Organizes

Two - Day Hands on Workshop for Under Graduate Students on



Resource Person:  
Dr. Maganti Syamala  
Asst. Prof., Dept. of CSE  
KLU Deemed to be University



18 & 19 NOVEMBER 2023  
VENUE : 319 LAB

Dr. T. S. Ravi Kiran  
HoD - Dept. Of CSC

Mr. K. Sudhir  
Incharge - Dept. Of CSC(UG)

Mr. K. Veerendranath  
Faculty Coordinator

GPS Map Camera



Vijayawada, Andhra Pradesh, India

P.B. Siddhartha College of Arts & Science campus, Moghalrajapuram,  
Mogalrajapuram, Siddhartha Nagar, Vijayawada, Andhra Pradesh 520010, India  
Lat 16.504834°

Long 80.647796°

18/11/23 10:35 AM GMT +05:30



SIDDHARTHA COLLEGE OF ARTS & SCIENCE  
Department of Computer Science

Organizes  
Two - Day Hands on Workshop for  
Under Graduate Students on



Resource Person:  
Dr. Maganti Syamala  
Asst. Prof., Dept. of CSE  
KLU Deemed to be  
University

16 & 19 NOVEMBER 2023  
VENUE : 309 LAB

Dr. T. S. Ravi Kiran  
HoD - Dept. Of CSC

Mr. K. Sudhir  
Incharge - Dept. Of CSC(UG)

Mr. K. Veerendranath  
Faculty Coordin



Vijayawada, Andhra Pradesh, India

P.B. Siddhartha College of Arts & Science campus, Mog

Mogalrajapuram, Siddhartha Nagar, Vijayawada, Andhra

Lat 16.504834°

Long 80.647796°

18/11/23 10:34 AM GMT +05:30

**P.B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE :: VIJAYAWADA-10**

**Format for Activity Report**

Name of the activity / event	Workshop on REACTJS
Activity No.:	PBSC/CSC-UG/2020-21/007
Organized by the department :	COMPUTER SCIENCE (UG&PG)
Coordinator of the activity	Mr. Kavuri Sridhar Mr. KONERU Sudhir
Date and Time of the activity	5th to 10th July 2021 9am to 11.30am
Objectives of the activity:	REACTJS is a perfect workshop for the students who learned the new technology on an online youtube platform and attained certificates.
Resource persons with designations	1 Ganesh Nag Doddi, Sr.Trainer BrainOvision SOLUTIONS IND PVT LTD
Detailed report on content delivered	
Sponsoring agency / Collaborative agency, if any	1 Brian O Vision SOLUTIONS IND PVT LTD 2 National Youth Council of India
Type of support :	Online through youtube “ <a href="https://www.youtube.com/watch?v=TC9l-DS4xZc">https://www.youtube.com/watch?v=TC9l-DS4xZc</a> ”
No. of participants (List annexure)	345 Certificates were generated
Feedback report.	attached.
<u>Annexures to be attached</u>	<ol style="list-style-type: none"><li>1. Event approval letter (event organized as per annual approved plan or special approval).</li><li>2. Profile of resource persons.</li><li>3. List of participants.</li><li>4. Geo tagged photos.</li><li>5. Press clippings, if any.</li><li>6. Feedback form (Model feedback scanned copies or Google form for feedback).</li><li>7. Internal audited statement of expenditure (to be submitted to IQAC but not to be posted in website).</li><li>8. Brochure / Circular of the activity.</li></ol>

Note:

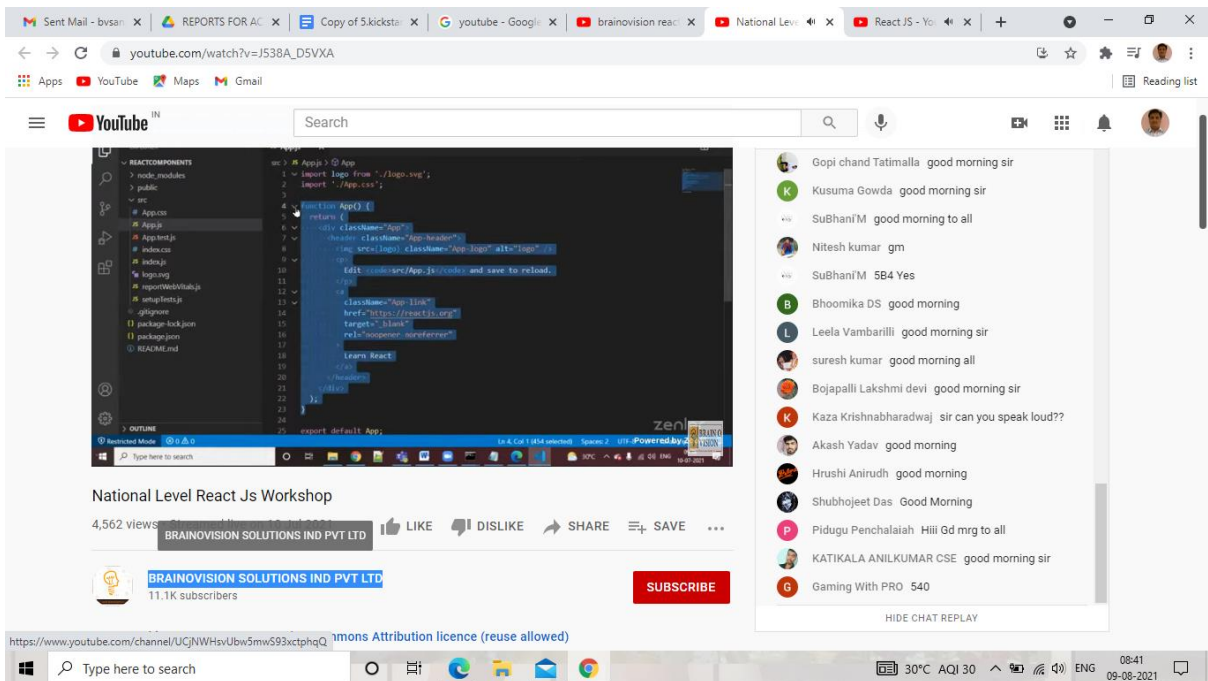
Activity Report should be uploaded in the website under department activities.

Organizing Secretary

Head of the Department

**workshop on ReactJs**

Department of Computer Science in association with Brian O Vision and National Youth Council of India organized 5 day online workshop on "React JS". 345 participants including faculty and students from P. B. Siddhartha College of Arts and Science, Sri Durga Malleshwara Siddhartha Mahila Kalasala, NRI, AG&SG and other colleges registered and participated in the event. Sri. Kavuri Sridhar, Dy. HoD, acted as Convenor and Sri. Koneru Sudhir, Dept. Of CSC, is the coordinator of the event.



**P.B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE :: VIJAYAWADA-10**

**Format for Activity Report**

Name of the activity / event :National Level 1-WEEK workshop on building Virtual Assistant using python. Activity No.: PBSC/CSC-UG/2020-21/010
Organized by the department : COMPUTER SCIENCE (UG)
Coordinator of the activity : Mr. Kavuri Sridhar Ms.V.Jhansilakshmi Ms.T.Malleswari
Date and Time of the activity 20/09/2021 to 25/09/2021 -- 4pm to 5.30pm
Objectives of the activity: Virtual Assistant building workshop is a practical workshop using python. a hands-on workshop to learn how to build chatbots and other online assistance using python
Resource persons with designations  Mr. K.Saketh Reddy
Detailed report on content delivered: attached
Sponsoring agency / Collaborative agency, if any: Rotary Club of Vijayawada and Codegnan IT solutions Pvt. Ltd
Type of support : Physical support. (Hands-on workshop at MSDS Lab)
No. of participants (List annexure) 55 Certificates were generated
Feedback report.
<u>Annexures to be attached</u> <ol style="list-style-type: none"><li>1. Event approval letter (event organized as per annual approved plan or special approval).</li><li>2. Profile of resource persons.</li><li>3. List of participants.</li><li>4. Geo tagged photos.</li><li>5. Press clippings, if any.</li><li>6. Feedback form (Model feedback scanned copies or Google form for feedback).</li><li>7. Internal audited statement of expenditure (to be submitted to IQAC but not to be posted in website).</li><li>8. Brochure / Circular of the activity.</li></ol>

Note:Activity Report should be uploaded in the website under department activities.

Organizing Secretary  
Department

Head of the

Dear Faculty and Students,

Happy to organise 6-day hands-on workshop on "Building Virtual Assistant using Python" in association with Rotary Club of Vijayawada and Codegnan IT solutions Pvt. Ltd

Thank you.

FACULTY COORDINATOR(S)

Ms.V.Jhansilakshmi    Ms.T.Malleswari

# Rotary Club of Vijayawada

R.I. Dist. 3020

Charter No.: 15612



## nypunya

Skill Development Programme

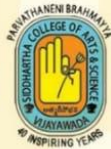


You are cordially invited to the

Organised by **Department of Computer Science,**  
P.B. Siddhartha College of Arts and Science in Rotary Club of Vijayawada and  
Codegnan IT solutions Pvt. Ltd.

**6-day Hands-on  
workshop on  
Building Virtual  
Assistant  
using Python**

**20th to 25th September 2021  
4 PM to 5.30 PM**



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A COLLEGE WITH POTENTIAL FOR EXCELLENCE-PHASE-II (AWARDED BY THE UGC)  
Siddhartha Nagar, Vijayawada - 520 010.

**Convenor**  
**Mr. Sirdhar Kavuri,**  
Dy. Head, Dept. of Computer Science


**Coordinator**  
V. Jhansi lakshmi  
T. Malleshwari



**Venue : P.B. Siddhartha College  
of Arts and Science, Computer**

 [pbsiddharthaclg](https://www.facebook.com/pbsiddharthaclg)

 [www.pbsiddhartha.ac.in](http://www.pbsiddhartha.ac.in)

 Siddharthanagar, Vijayawada

**Rtn. K.N.S.R. Prasad (Bulli Babu)**  
President

**Rtn. V. Subba Rao Naidu**  
Secretary

Vocational Service Directors : **Rtn. Kotha Vijaykumar, T. Prabhakar, Satish Lakhotia**



# Rotary Club of Vijayawada

R.I. Dist. 3020

Charter No.: 15612



You are cordially invited to the

## **Valedictory Function** of

6 days of Hands On Workshop on  
'Building Virtual Assistant using Python'

on **Saturday, 25<sup>th</sup> September 2021 @ 5 pm**

Venue :

**P.B. Siddhartha College of Arts and Science**

Siddhartha Nagar, Vijayawada

Chief Guest :

***Rtn. Dr. G.V. Mohan Prasad***

Past Dist. Governor, RI Dist. 3020

National Committee Member, Project Positive Health

**Vocational Service Directors**

**Rtn. Kotha Vijaykumar | Rtn. T. Prabhakar | Rtn. Satish Lakhotia**

---

**Rtn. K.N.S.R. Prasad (Bulli Babu)**  
President

**Rtn. V. Subba Rao Naidu**  
Secretary



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SIDDHARTHA COLLEGE OF ARTS & SCIENCE**

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Siddhartha Nagar, Vijayawada - 520 010.

Organised by **Department of Computer Science,**  
P.B. Siddhartha College of Arts and Science in Rotary Club of Vijayawada and  
Codegnan IT solutions Pvt. Ltd.

**6-day Hands-on  
workshop on  
Building Virtual  
Assistant  
using Python**

**20th to 25th September 2021  
4 PM to 5.30 PM**



Venue : P.B. Siddhartha College of Arts and Science, Computer Centre

**Convenor**

**Mr. Sirdhar Kavuri,**  
Dy. Head, Dept. of Computer Science

**Coordinators**

M/s. V. Jhansi lakshmi  
M/s. T. Malleshwari



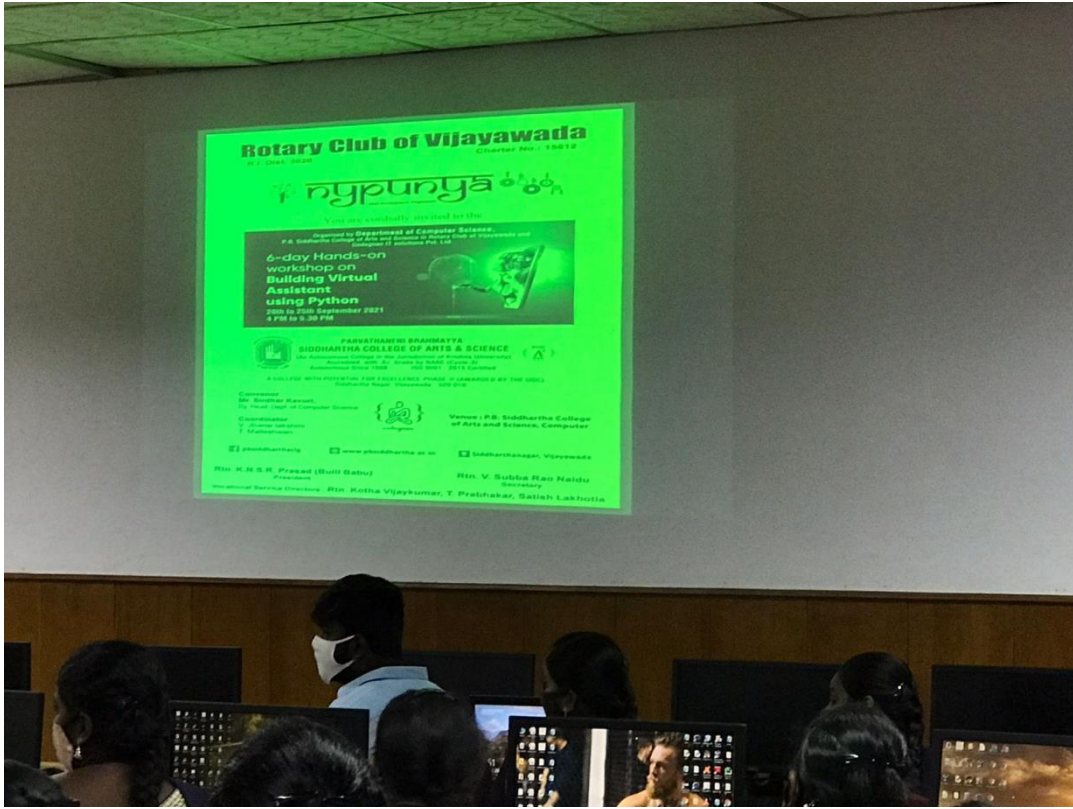
**Rotary  
Club of  
Vijayawada**



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 [www.pbsiddhartha.ac.in](http://www.pbsiddhartha.ac.in)

 Siddharthanagar, Vijayawada







**P.B.Siddhartha College of Arts & Science :: Department of Computer Science & APSSDC Workshop on Amazon Web Services (AWS), 7<sup>th</sup> to 9<sup>th</sup> January 2020**

The Department of Computer Science, P.B.Siddhartha College of Arts & Science in association with Andhra Pradesh State Skill Development Corporation had organized a **“Workshop on Amazon Web Services (AWS)”** for Post Graduate Students from 7<sup>th</sup> to 9<sup>th</sup> January 2020.

Mr. V.Rupesh Kumar, Associate Cloud Engineer, APSSDC, Vijayawada was the resource person. He explained about how cloud computing is being used in present era. Different types of clouds are explained and students are given with login Id for AWS with a credit of \$100 where they can use the credit for carrying out their projects. He explained how to use AWS in creating instances and launching applications in cloud and how to access the created instances in AWS using Putty. He practically made the students to perform the tasks of AWS like creating VM’s in cloud and launch the applications.

Outcome of Guest Lecture:

- Students are updated with Cloud Computing.
- Learned about how to access AWS.
- Students got badges for working on AWS which can be mentioned in the resumes.

Resource Person	
Mr.V.Rupesh Kumar	Mobile: +918500155570, E-Mail: rupeshkumar.v@apsddc.in
Ms.Ramya Vardhini	Mobile: +91994858969, E-Mail: ramyavardhini.n@apsddc.in



2/8



# సాంకేతికత పెంపొందితనే భు

## Workshop on Amazon Web Services held

HANS NEWS SERVICE

**Vijayawada:** The Department of Computer Science of PB Siddhartha College of Arts & Science organised a workshop on 'Amazon Web Services' (AWS) for the Post-Graduate students that concluded on Thursday.

V Rupesh Kumar, Associate Cloud Engineer, APSSDC and

Ramya Vardhini were the resource persons of the workshop. Speaking on the occasion, Rupesh explained about how cloud computing is being used in the present era. Different types of clouds are explained and students are given with login Id for AWS with a credit for carrying out their projects. He explained how to use AWS in creating instances and launching applications in cloud and

how to access in AWS using the tasks of AWS. The event was jointly by Dr Department G Samrat Kri sor and A Ka sor.

మొగల్రాజపురం: ప్రస్తుత పోటీ ప్రపంచం సాంకేతికంగా దూసుకుపోతుందని, దానికి తగ్గట్టుగా యువత సాఫ్ట్‌వేర్స్ పరంగా ఎప్పుటికప్పుడు అప్డేట్ అవుతుండాలని ఆంధ్ర ప్రదేశ్ రాష్ట్ర నైపుణ్యాభివృద్ధి కార్పొరేషన్ (ఏపిఎస్ఎస్డీసీ) అసోసియేట్ క్లౌడ్ ఇంజనీరు వి.రూపేష్ కుమార్ అన్నారు. స్థానిక పీఠీ సిద్ధార్థ కళాశాల పీజీ కంప్యూటర్ సైన్స్ విద్యార్థులకు ఏపీఎస్ఎస్డీసీ ఆధ్వర్యంలో అమెజాన్ వెబ్ సర్వీసెస్ అంశంపై గురువారం కళాశాల ఆవరణలో వర్క్‌షాప్ నిర్వహించారు. సందర్భంగా ఆయన మాట్లాడుతూ పోటీ ప్రపంచంలో అప్డేట్ అయిన యువతకే ఉపాధి అవకాశాలు లభిస్తాయన్నారు. మార్కెట్లోని వినియోగదారులు



విద్యార్థులకు వెబ్ సర్వీసెస్ పై అవగాహన కల్పిస్తున్న రూపేష్ కుమార్

శాల డీన్ రా. పూర్తి సైన్స్. రవికిరణ్, కృష్ణ, పాల్గొని సిద్ధార్థలో గల లభిస్తుంది: దుర్గామల్లేశ్వ గణితశాస్త్ర ివారం అప్లికే: అంశంపై సడ రింగ్ కళాశా: ముఖ్య అతిథి రిలేటివ్ టు న క్లాసికల్ గ్రూ

ఆఫీసర్ ఎన్.రమ్య వర్ధిని మాట్లాడుతూ ఏ కం యాక్షన్స్ గురించి : నవీనెనా వివిగెనాగదాగులు సమానాగం ణాణా గ్రూప్స్ ి క్షన్

### విద్యార్థులు వెబ్ సర్వీసెస్ పట్ల అవగాహన పెంచుకోవాలి

□ పీజీ సిద్ధార్థలో వెబ్ సర్వీసెస్ ముగిసిన శిక్షణా తరగతులు



కంప్యూటర్ శిక్షణలో విద్యార్థులు

మొగల్రాజపురం, జనవరి 9 (ప్రభ న్యూస్) : విద్యార్థులు కంప్యూటర్ పరిజ్ఞానాన్ని పూర్తి స్థాయిలో తెలుసుకుని వెబ్ సర్వీసెస్ పట్ల అవగాహన పెంచుకోవాలని క్లౌడ్ అసోసియేట్ ఇంజనీర్ వి. రూపేష్ కుమార్ అన్నారు. పీఠీ సిద్ధార్థ కళాశాల కంప్యూటర్ సైన్స్, రాష్ట్ర నైపుణ్యాభివృద్ధి సంస్థ సంయుక్త ఆధ్వర్యంలో గత మూడు రోజులుగా సిద్ధార్థ కళాశాలలో జరుగుతున్న అమెజాన్ వెబ్ సర్వీసెస్ శిక్షణా కార్యక్రమం గురువారం నాటికి ముగిసింది. ఈ సందర్భంగా రూపేష్ కుమార్ మాట్లాడుతూ, ఎవరైనా వాస్తవికంగా ఏ విధంగా పాఠం పఠించుకోవాలి, దాని అవసరాలను బట్టి ఏ విధంగా విశ్లేషించుకోవాలి తెలియజేశారు. అంతేకాకుండా అమెజాన్ వెబ్ సర్వీసెస్ ను ఉపయోగించి క్లౌడ్ ఆప్టిమైజేషన్ ను రూపొందించి వాటిని వినియోగదారుల అవసరాలకు ఏ విధంగా ఉపయోగదారులకు సేవలు అందించమనో తెలిపారు. అదే విధంగా ఒక క్లౌడ్ ను ఉపయోగించి ఒక సర్వర్ లో డేటాను వెబ్ సర్వీసెస్ కు పంపివచ్చుకో తెలిపారు. ఈ శిక్షణా కార్యక్రమానికి కళాశాల డిప్యూటీ డాక్టర్ మేకా రమ్య వార్ధిని అధ్యక్షత వహించగా, డీన్ ఆచార్య డీన్ రాజేష్ సి. అంజల, చైర్మన్ బాబురావు, కంప్యూటర్ సైన్స్ విభాగాధిపతి డాక్టర్ టి. ఎన్ రవిశిరీ, అధ్యాపకులు జి. సామ్రాట్ తదితరులు పాల్గొన్నారు.



**PARVATHANENI BRAHMAYYA SIDDHARTHA COLLEGE OF ARTS &  
SCIENCE VIJAYAWADA – 10**

**DEPARTMENT OF COMPUTER SCIENCE(UG)**

**REPORT ON “Salesforce ADX201 STUDENTS WORKSHOP”**

- a. Type of Event: **STUDENTS WORKSHOP by ICT Academy Trailhead**
- b. Title of Event: **“Salesforce ADX201 STUDENTS WORKSHOP**
- c. Dates of Event organized/Duration: 25<sup>th</sup> NOV 2019 to 30<sup>th</sup>NOV2019 (6 Days)
- d. Details about Resource persons:
  - **Mr. KRANTHI KUMAR PALISETTY**  
  
Sr. Technical Trainer, ICT Academy, Chennai.
- e. Name of the Coordinator: **Mr Sridhar Kavuri Dy. HOD Department of CSC**
- f. About the event/Topics Covered:

Customize an Org to Support a New Business Unit

Manage User Access

Manage Chatter

Modify Your Data Model

Configure an Email Letterhead and Template

Automate Your Business Process

Data Security

Overview of Data Security

Control Access to the Org

Control Access to Objects

Control Access to Fields

Control Access to Records

Create a Role Hierarchy

Define Sharing Rules

Reports & Dashboards for Lightning Experience

Introduction to Reports and Dashboards in Lightning Experience

Create Reports with the Report Builder

Format Reports

Visualize Your Data with the Lightning Dashboard Builder

Extend Your Reporting Strategy with AppExchange

**Create Reports and Dashboards for Sales and Marketing Managers**

Create Report and Dashboard Folders  
Create a Simple Custom Report  
Filter Your Reports  
Group and Categorize Your Data  
Use Summary Formulas in Your Reports  
Manage Reported Data  
Visualize Your Data

**Super Badge: Business Administration Specialist**

**Super Badge: Lightning Experience Reports & Dashboards Specialist**

**Super Badge: Security Specialist**

- g. Feedback given by participants (Both strength and weakness):

**Strengths:** 50 students attended and Attained super badges, gain knowledge regarding salesforce, the innovative company behind the world's #1 CRM platform that employees can access entirely over the internet

**Weakness:** More Students don't know the importance of CRM due to of science background.

- h. How to overcome weaknesses of upcoming events:

It is decided to arrange a seminar on the importance of the salesforce ADX201 workshop before it is commencing.

Signature of Dy. Head(UG)

Signature of HOD

**Photographs:**



Inaugural function of a 6-day workshop on Salesforce ADX201 organised by Department of Computer Science in collaboration with ICT Academy. Prof. Y. Sundara Krishna, Incharge Vice chancellor of Krishna University graced the function as Chief guest and inaugurated the workshop #ICTAcademy #Salesforce #ADX--201



**Participants with Trainer.**



**A total of 50 students from various courses like BBA (Data Analytics), B.Sc (Hons), B.Sc MECS, B.Sc MSCS, BCA attained super badges from ICT ACADEMY.**

# Workshop on 'Sales Force ADX 201 Technology' begins

HANS NEWS SERVICE

**Vijayawada:** A six-day workshop on 'Sales Force ADX 201 Technology' organized by the computer science department of PB Siddhartha College of Arts and Technology commenced here on Monday.

The programme was organised by ICT Academy in collaboration with the computer science department, said the college principal Dr Meka Ramesh.

Prof Y Sundara Krishna, in-charge vice-chancellor of Krishna University was the chief guest at the inauguration of the programme. He said that students need to improve their technical skills through internet or similar workshops to adapt to the rapidly changing technologies in the IT sector. Kranthi Kumar, ICT Academy representative gave the six-day training plan and details to the students.

The workshop coordinator, Kavuri Sridhar, said that the ICT Academy is conducting such training programmes regularly to provide students with advanced skills under the Department



Prof Y Sundara Krishna, in-charge vice-chancellor of Krishna University, being felicitated at the workshop on Monday

of Computer Science.

The programme was attended by computer science head of the department Dr TS Ravi Kiran, faculty Sankaranand, Sivakumar and students.



# సాంకేతికతను పెంపొందించుకోవాలి

మొగ్గలాజపురం ,  
నవంబరు 25

ఇన్ఫర్మేషన్ రంగంలో  
వేగంగా వస్తున్న  
మార్పులకనుగుణంగా  
విద్యార్థులు ఇంటర్ నెట్  
ఇతర మాధ్యమాలను  
ఉపయోగించుకుని  
సాంకేతిక పరిజ్ఞానాన్ని  
పెంచుకోవాలని  
కృష్ణావర్మిటీ ఇన్చార్జి వైస్  
చాన్సలర్ వై.  
సుందరకృష్ణ తెలిపారు.  
పీఠే సిద్ధార్థ కళాశాల  
కంప్యూటర్ సైన్సు  
విభాగం ఆధ్వర్యంలో  
సోమవారం ఐసీటీ



**వర్మిటీ ఇన్చార్జి వైస్ చాన్సలర్ వై. సుందరకృష్ణను  
సత్కరిస్తున్న ప్రెస్సిపాల్ రమేష్ తదితరులు**

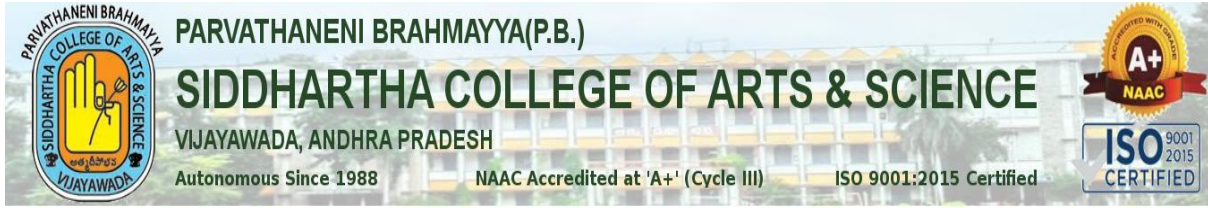
అకాడమీ సహకారంతో సేల్స్ ఫోర్స్ ఏడీఎక్స్  
201 టెక్నాలజీ అంశంపై ఆరు రోజులు  
నిర్వహించే వర్క్ షాపును ప్రారంభించారు.  
మొదటి రోజు కార్యక్రమంలో ఆయన  
మాట్లాడుతూ సేల్స్ ఫోర్స్, డేటా అనలిటిక్స్,

## » కృష్ణా వర్మిటీ ఇన్చార్జి వైస్ చాన్సలర్ సుందరకృష్ణ

క్లౌడ్ కంప్యూటింగ్, ఆర్టిఫిషియల్ ఇంటెలిజెన్స్  
వంటి రంగాల్లో విస్తృతంగా ఉపాధి  
అవకాశాలను సద్వినియోగం చేసుకోవాలని  
విద్యార్థులకు సూచించారు. ఐసీటీ నుంచి

సిద్ధార్థ కళాశాల ఐసీటీ సంస్థ సహకారంతో  
విద్యార్థులకు వర్క్ షాపు నిర్వహిస్తున్నామని, దీనిని సద్వినియోగం చేసుకోవాలని  
సూచించారు. వర్క్ షాపు సమన్వయ కర్త  
కామారి శ్రీధర్ మాట్లాడుతూ విద్యార్థులు  
ఇలాంటి శిక్షణ కార్యక్రమాల్లో పాల్గొనడం  
ద్వారా తమలోని నైపుణ్యాన్ని పెంచు  
కోవచ్చని సూచించారు. కంప్యూటర్ సైన్సు  
విభాగాధిపతి డాక్టర్ టీఎస్. రవికిరణ్,  
అధ్యాపకులు శంకరానంద్, శివకుమార్,  
విద్యార్థులు పాల్గొన్నారు. అనంతరం కృష్ణా  
వర్మిటీ ఇన్చార్జి వైస్ చాన్సలర్ ఆచార్య వై.  
సుందర కృష్ణను ఘనంగా సత్కరించారు.





To  
The Principal,  
PB Siddhartha College,  
Vijayawada.

Vijayawada,  
02.12.2019.

Respected Sir,

It is our privilege to conduct ADX201, Student workshop in association with ICT Academy. A total of 50 students have attended this event from 25th to 30th NOVEMBER 2019. Mr.Kranthi Kumar, Sr. Technical Trainer, ICT Academy, has accompanied to guide the students.

Salesforce ADX201 is a good CRM platform which paved new ideas and new vision about CRM (Customer Relationship Management).

50 students from various Arts and Science Courses, attended and Attained super badges, gained knowledge regarding salesforce, world's #1 CRM platform that employees can access entirely over the internet.

Prof. Y. Sundara Krishna, Incharge Vice chancellor of Krishna University graced the function as Chief Guest and inaugurated the workshop Salesforce ADX201 Student Workshop.

Thanking you.

(K.Sridhar)

Dy.HOD Computer Science.



**P.B.Siddhartha College of Arts & Science :: Department of Computer Science  
Faculty Development Program on "Microsoft Azure AI Engineer Associate" in  
Collaboration with ICT Academy, 28<sup>th</sup> August 2023 to 01<sup>st</sup> September 2023 (5 Days)**



**Objective:** To familiarize the Faculty Members with Microsoft Azure AI and its applications.

- The Department of Computer Science, P.B.Siddhartha College of Arts & Science in association with ICT Academy had organized Five Day FDP on Microsoft Azure AI during 28<sup>th</sup> August 2023 to 01<sup>st</sup> September 2023 (5 Days). As part of FDP the resource person demonstrated *Basics of Azure AI, Provision and manage Azure Cognitive Services, Process and Translate Text with Azure Cognitive Services, Azure Cognitive Services, Create a Language Understanding Solution, Build a Question Answering Solution, Create Conversational AI Solutions, Create Computer Vision Solutions with Azure Cognitive Services, Extract Text from Images and Documents and implementation of Knowledge Mining with Azure Cognitive Search.*

**Outcome:** Faculty got familiar with Microsoft Azure AI and able to

- Create Azure AI Services
- Build Question Answering Solution
- Create Conversational AI Solutions
- Create Computer Vision Solutions with Azure Cognitive Services
- Extract Text from Images and Documents
- Implement Knowledge Mining

**Number of Participants:** 30

**Venue:** Laboratory 319 (10 A.M to 4 P.M)

**Resource Person**

Ms.Valli.E, Senior Technical Trainer, Training and Development, ICT Academy.  
Email: valli@ictacademy.in Mobile: 8838237104

**Event Cordinators:**

1. Mr.Kavuri Sridhar, Asst. Professor, Dept. of CS & TPO
- 2.Mr.K.Sudhir, Inchage, Dept. of CS (UG CS) & Asst. Professor

Financial Support from the college: Rs. 8230/- (Eight Thousand Three Hundred one Rupee)

Cheque Details: Number: 700815 Amount: Rs. 5000/- Date: 28/08/2023

431989 Amount: Rs. 3230/- Date: 19/09/2023

**సాంకేతిక పరిజ్ఞానాన్ని అందిస్తున్న కుంటేనే భవిష్యత్తు**

**మొగల్రాజు పురంబిజయ వాడ సీటీ, క్యూఆర్ టుడే :** కొలువులు సాధించాలన్నా, నూతన ఆవిష్కరణలు చేయాలన్నా.

వినుతృంగా ఆలోచించడంతో పాటు సాంకేతిక పరిజ్ఞానాన్ని అందిస్తున్నావాని ఐసీటీ అకాడమీ (ఐసీఐ) శిక్షకురాలు ఇ.వల్లి అన్నారు. మైక్రోసాఫ్ట్ అజూర్ కృత్రిమ మేధస్సు పీఠీ సిద్ధార్థ కళాశాల కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో నగరంలోని వివిధ కళాశాలల అధ్యాపకులకు ఐఐఐ రోజులుగా కళాశాల సెమినార్ హాలులో నిర్వహించిన శిక్షణ తరగతులు శుక్రవారంతో ముగిశాయి. ఈ సందర్భంగా ఆమె మాట్లాడుతూ... మైక్రోసాఫ్ట్ అజూర్ కృత్రిమ మేధస్సును ఉపయోగించి జన సమాహారంలో మనకు కావాల్సిన వ్యక్తులు, నేరస్థులను ఎలా గుర్తించాలో వివరించారు. రక్షణ రంగంలో శత్రువుల రహస్య సమాచారాన్ని, మనుషుల మాటలను గుర్తించి, వారు ఎవరితో మాట్లాడుతున్నారో తెలుసుకోవచ్చని తెలిపారు. కార్యక్రమంలో కళాశాల డైరెక్టర్ వేమూరి బాబురావు, డీన్ ఆచార్య రాజేష్ సి.జంపాల, కంప్యూటర్ సైన్స్ విభాగపతి టి.వీ. రవికిరణ్, కె.సుధీర్ తదితరులు పాల్గొన్నారు.

**News Paper Clipping on Eenedu, Vijayawada East, 2<sup>nd</sup> September 2023.**



**కృత్రిమ మేధస్సుతో సులభంగా సేవలు సాధి**

మొగల్రాజుపురం: ప్రస్తుత సాంకేతిక ప్రపంచంలో కృత్రిమ మేధస్సు(ఆర్టిఫిషియల్ ఇంటెలిజెన్స్)ను అన్ని రంగాల్లో ఉపయోగించుకుని సులభంగా కచ్చితమైన సేవలను పొందవచ్చునని చెన్నైలోని ఐసీటీ అకాడమీకి చెందిన సాంకేతిక విద్య శిక్షకురాలు ఈ.వల్లి చెప్పారు. సిద్ధార్థ కళాశాల కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో నగరంలోని కళాశాల అవరణలో మైక్రోసాఫ్ట్ సంస్థ రూపొందించిన అజూర్ ఐఐఐ సందస్సు శుక్రవారం నిర్వహించారు.

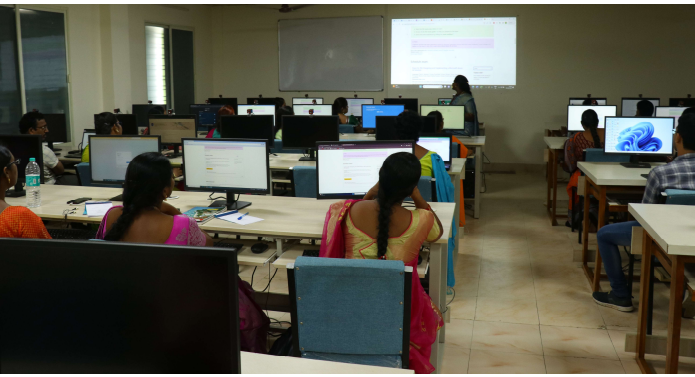
**News Paper Clipping on Eenedu, Vijayawada East, 2<sup>nd</sup> September 2023.**

**మైక్రోసాఫ్ట్ పై ముగిసిన సదస్సు**

మొగల్రాజుపురం, సెప్టెంబరు 1: ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ ఉపయోగించడం ద్వారా జన సమాహారంలో మనకు కావాల్సిన వ్యక్తులను సులువుగా గుర్తించవచ్చని చెన్నై ఐసీటీ అకాడమీ శిక్షకురాలు ఈ. వల్లి చెప్పారు. పీఠీ సిద్ధార్థలో కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో మైక్రోసాఫ్ట్ అజూర్ ఐఐఐ అంశంపై ఐఐఐ రోజులుగా నిర్వహిస్తున్న సందస్సు శుక్రవారంతో ముగిసింది. ఈ సందస్సులో ఆమె మాట్లాడుతూ రక్షణ రంగంలో శత్రువుల సమాచారాన్ని ఎలా విశ్లేషించాలో, మనుషుల మాటలను సంగ్రహించి తరువాత వారు ఎవరితో మాట్లాడుతున్నారో తెలుసుకోవడం, తద్వారా నేరస్థుల కదిలికలు గుర్తించడం వంటి అంశాలపై శిక్షణ ఇచ్చారు.

**News Paper Clipping on Andhra Jyothi, Vijayawada East, 2<sup>nd</sup> September 2023.**

కళాశాల డైరెక్టర్ వేమూరి బాబురావు, డీన్ రాజేష్ సి జంపాల, కంప్యూటర్ సైన్స్ విభాగపతి టి.వీ. రవికిరణ్, కె. సుధీర్, వివిధ కళాశాలలకు చెందిన ఉపాధ్యాయులు పాల్గొన్నారు.





**P.B.Siddhartha College of Arts & Science :: Vijayawada**  
**Department of Computer Science, List of Participants**  
**First Review of Intern Students by Saadruso Technologies, Hyderabad,**  
**28<sup>th</sup> April 2023**



- A review was conducted for the selected interns through monitor the progress of the task assigned to the interns. Suggestions and Technical Support was provided to the interns.

Batch Number	Register No		Program Name	Technology
1	21MCA17	B.Keerthana	M.C.A	Flutter
	21MCA38	J.Sri Durga		
	21MCA30	R.Hema Chandrika		
2	21MCA36	D.Rasheeda	M.C.A	Flutter
	21MCA59	G.Priyanka		
	21MCA34	O.Priya		
3	21MCA45	Ch. Sravya	M.C.A	Flutter
	21MCA24	G.Sravanya		
	21MCA21	D.Harika Sravani		
4	21MCA32	M.Mounika Bhavani	M.Sc.(Computer Science)	Flutter
	21CSC29	I.Naga Pravallika		
	21CSC16	D.Supriya		
5	21CSC09	Salma Begum	M.Sc.(Computational Data Science)	Go Lang
	21DSC19	N.G.Sai Ganesh		
	21DSC01	V.Raghu Vamsi		
6	21DSC22	N.T.N. Phani Ram	M.C.A	Go Lang
	21DSC30	Sk. Shaziya Farheen		
	21MCA11	K.N.S.Pavan Kumar		
	21MCA50	T.Tirupathi Rao		
7	21MCA61	R.Pawan Kalyan	M.Sc.(Computational Data Science)	Angular JS
	21MCA62	K.Sasi Kanth		
	21MCA63	V.Bhavani Sankar		
8	21DSC27	M.Navaya Rani	M.Sc.(Computer Science)	Angular JS
	21DSC26	K.Vani		
	21DSC04	P.Jahnavi		
9	21CSC06	D.Sri Naga Prasanna	M.Sc.(Computer Science)	Angular JS
	21CSC05	G.Vineela		
	21CSC04	Sk.Sumaya Farheen		
10	21CSC03	Ch.Sowmya	M.Sc.(Computational Data Science)	Angular JS
	21DSC07	M.Sneha		
	21DSC08	M.B.J.N. Laitha Durga		
11	21DSC03	Y.Pavani	M.Sc.(Computational Data Science)	Angular JS
	21DSC10	P.L.V.V.Siva Parvathi		
12	21DSC33	Sk.Yasmin	M.Sc.(Computer Science)	Node JS
	21CSC07	G.S.R.C.Varma		
	21CSC02	D.Tulasi Krishna		

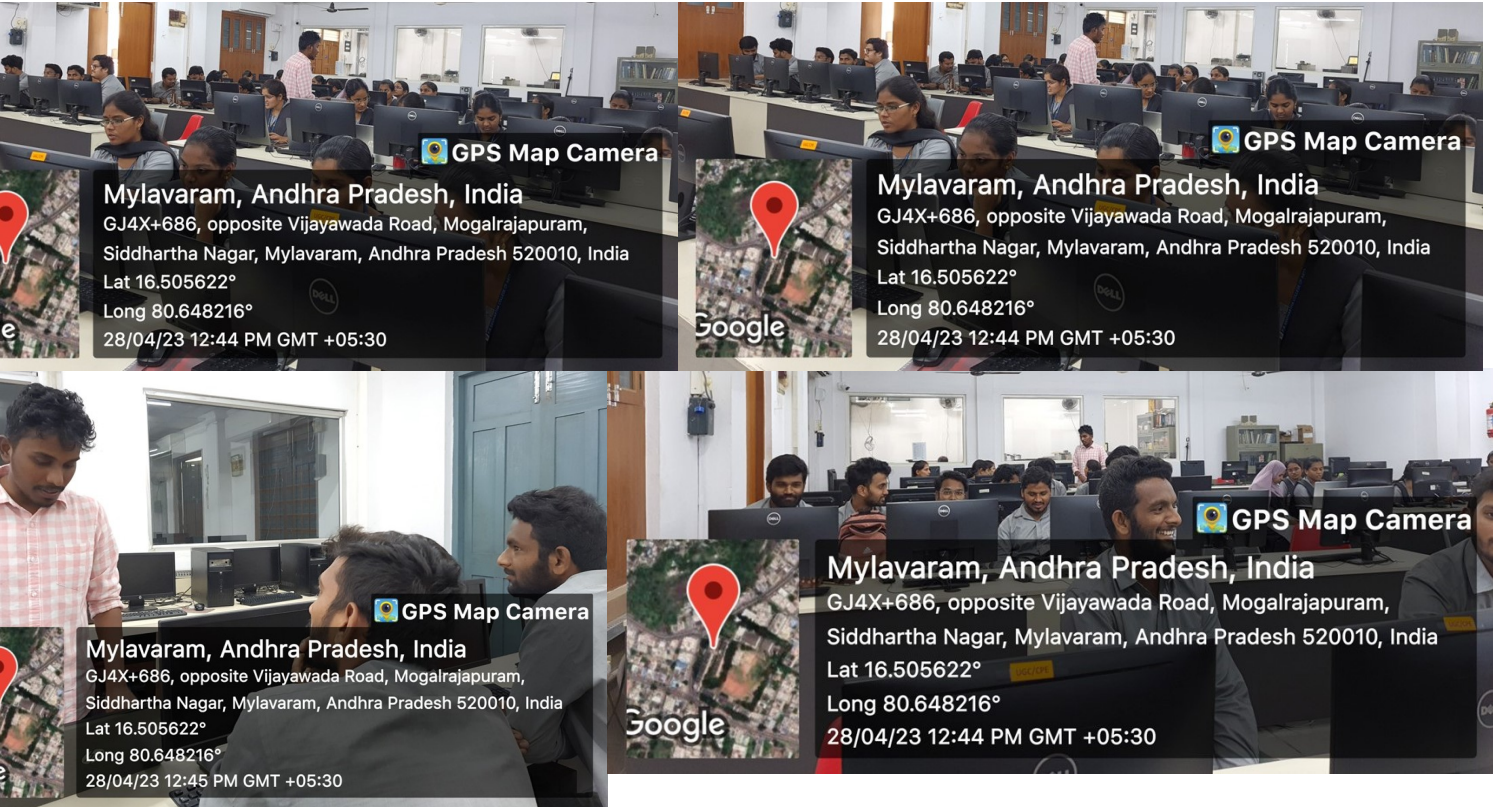
**Resource Person:** Mr. B.Akhil, Tech Lead, Saadruso Technologies, Hyderabad  
 Mobile: 6280374171 Email: lakshmikanthdara@gmail.com

**Number of interns:** 36

**Outcomes:**

- Students were able to complete the assigned tasks.
- Any issues regarding the technology were clarified.
- The completions of assigned tasks are progressive.

**Coordinators:** 1. Dr.T.S.Ravi Kiran 2.G.Samrat Krishna 3.S.Tulasi Prasad





**P.B.Siddhartha College of Arts & Science :: Vijayawada**

**Department of Computer Science, List of Participants  
First Review of Intern Students by Saadruso Technologies, Hyderabad, 29<sup>th</sup>  
April 2023**



- A review was conducted for the selected interns through monitor the progress of the task assigned to the interns. Suggestions and Technical Support was provided to the interns.

Batch Number	Register No		Program Name	Technology
1	21MCA17	B.Keerthana	M.C.A	Flutter
	21MCA38	J.Sri Durga		
	21MCA30	R.Hema Chandrika		
2	21MCA36	D.Rasheeda	M.C.A	Flutter
	21MCA59	G.Priyanka		
	21MCA34	O.Priya		
3	21MCA45	Ch. Sravya	M.C.A	Flutter
	21MCA24	G.Sravanya		
	21MCA21	D.Harika Sravani		
4	21MCA32	M.Mounika Bhavani	M.Sc.(Computer Science)	Flutter
	21CSC29	I.Naga Pravallika		
	21CSC16	D.Supriya		
5	21CSC09	Salma Begum	M.Sc.(Computational Data Science)	Go Lang
	21DSC19	N.G.Sai Ganesh		
	21DSC01	V.Raghu Vamsi		
6	21DSC22	N.T.N. Phani Ram	M.C.A	Go Lang
	21DSC30	Sk. Shaziya Farheen		
	21MCA11	K.N.S.Pavan Kumar		
	21MCA50	T.Tirupathi Rao		
7	21MCA61	R.Pawan Kalyan	M.Sc.(Computational Data Science)	Angular JS
	21MCA62	K.Sasi Kanth		
	21MCA63	V.Bhavani Sankar		
8	21DSC27	M.Navya Rani	M.Sc.(Computer Science)	Angular JS
	21DSC26	K.Vani		
	21DSC04	P.Jahnavi		
9	21CSC06	D.Sri Naga Prasanna	M.Sc.(Computer Science)	Angular JS
	21CSC05	G.Vineela		
	21CSC04	Sk.Sumaya Farheen		
10	21CSC03	Ch.Sowmya	M.Sc.(Computational Data Science)	Angular JS
	21DSC07	M.Sneha		
	21DSC08	M.B.J.N. Laita Durga		
11	21DSC03	Y.Pavani	M.Sc.(Computational Data Science)	Angular JS
	21DSC10	P.L.V.V.Siva Parvathi		
	21DSC33	Sk.Yasmin		
12	21CSC07	G.S.R.C.Varma	M.Sc.(Computer Science)	Node JS
	21CSC02	D.Tulasi Krishna		

**Resource Person:**

Mr.Prakash Kaja, Founder and CEO of Saadruso Technologies, Hyderabad.

Mobile: 9663106752 Email: prakash@saadruso.com

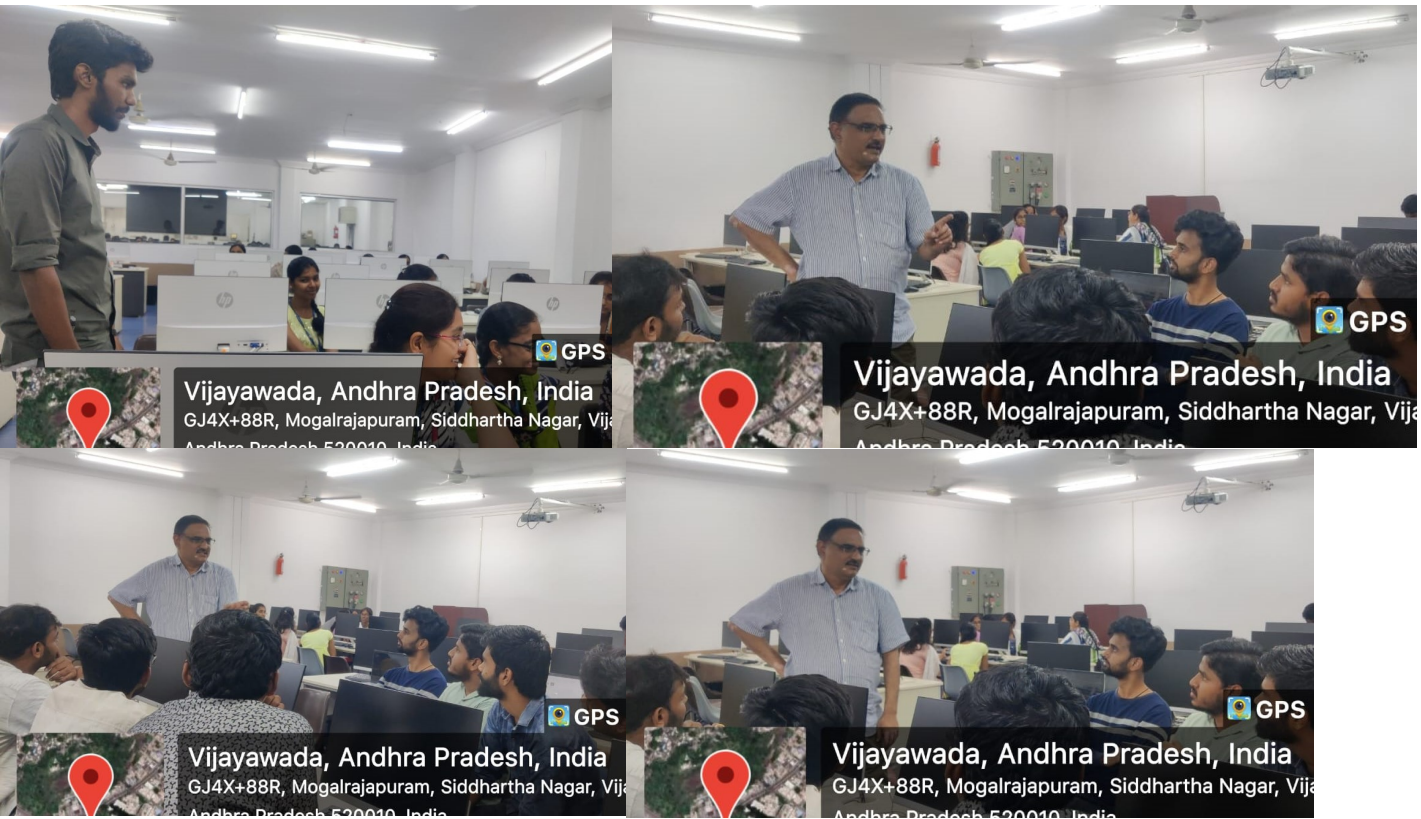


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- Students were able to complete the assigned tasks.
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**Coordinators:** 1. Dr.T.S.Ravi Kiran 2.G.Samrat Krishna 3.S.Tulasi Prasad





## MOU with NASSCOM

The Department of Computer of has Memorandum of Understanding with NASSCOM to provide training and to include its curriculum computer science programs.

- The department of computer science conducted Train the Trainer (TTT) program on **Security Analyst QP** for faculty members during 15<sup>th</sup> to 20<sup>th</sup> July 19 in collaboration with NASSCOM.
- Security Analyst QP is included in the curriculum of II<sup>nd</sup>, III<sup>rd</sup> & IV<sup>th</sup> semesters of B.C.A.

Topics Covered	
Day 1	Cyber Security: Career Map, Fundamentals of Information Technology, Information Security Threats, Case Study on Effective Communication.
Day 2	Information Security Management Roles and Responsibilities.
Day 3	Risk Management, Applicability of Policies for Organizational Business Requirements.
Day 4	Group Discussion 1: Setting Organizational Policies and Standards, ITILv3 Framework, Role of Project Manager & RACI BCP / DR, ISOS27001, Information Systems Auditing.
Day 5	<ul style="list-style-type: none"> <li>▪ Understanding of IT Infrastructure, Configuration Reviews, Analysis of Alarms &amp; Events, Designing a Network / System Architecture, Data Backup &amp; Data Loss Protection.</li> <li>▪ Vulnerability Assessment and Penetration Testing, Information Security Incident Management, Digital Forensics, Information Security Performance Metrics.</li> </ul>

- Number of participants: 28 faculty members both UG and PG

### Feedback given by participants

#### Strengths:

- MOU with NASSCOM to enhance the employability skills of students.
- An Assessment was conducted to all faculty members on overall programme.
- Useful for students to select a different role as SA, placements
- Enhances the knowledge of faculty

#### Weakness:

- More hands-on experience is required to strengthen the practical knowledge.
- Faculty can concentrate more when there is no class work

### Event coordinator

Mr.Sridhar Kavuri, Deputy Head (UG)



## PBS enters into pact with NAS

### HANS NEWS SERVICE

**Vijayawada:** PB Siddhartha College of Arts and Science has entered into a Memorandum of Understanding (MoU) with the National Association of Software and Services Companies (NASSCOM) to enhance employability skills of students, said the college principal Dr. M Ramesh on Tuesday.

He said that the MoU was aimed to offer programmes to undergraduate students either as an elective course to existing courses, or as add-on programmes with the goal to enhance their employability skills. Collaborating with academia will contribute to the mission of developing a skill ready

degree course. After the completion of the course the students would write an exam conducted by NASSCOM and a certificate will be issued which would enable the students to get a job as Security Analyst.

NASSCOM operational director P Ajit Kumar, NASSCOM AP and TS regional head Sridevi were present and signed the MoU with the college.

Ajit Kumar said that NASSCOM has signed MoU with a few selected institutions across the country. With the MoU the students of the college will get skill training and a better employability change. He expressed his delight on signing MoU with PBS.

College dean Raiesh C Jampala.





Department of Computer Science in Collaboration with Pragmatiq Systems Inc.,  
Hyderabad offering “Workshop on Node.js” from 13<sup>th</sup> October 2023 to 14<sup>th</sup> October 2023



**Objective: To gain hands on experience on Java Script, Node.js, JSON and Express JS.**

## **Day 1:**

### **Understanding Browser and Basics of JavaScript**

#### **Introduction to Browser Architecture**

Overview of how browsers work

Components like Rendering Engine (Blink), JavaScript Interpreter

#### **Networking and Rendering in the Browser**

Understanding requests and responses

Hands-on with College website for practical insights

#### **JavaScript Basics**

Data types, Arrays, JSON, Arrow Functions

Different types of functions in JavaScript with examples

#### **JSON Hands-on Exercise**

Practical exercise working with JSON data

#### **Data Persistence in the Browser**

Local storage for Data Persistence

Sources in the Browser (UI Backend)

#### **Node.js Introduction and Architecture**

Key differences between older applications and Node.js applications

Why Node.js and what it can do

#### **First Steps in Node.js**

Writing your first application in Node.js

Understanding `console.log`` and writing functions

#### **Handling Requests in Node.js**

Comparison with other languages like PHP, ASP

Introduction to Express.js

## **Day 2:**

### **Advanced Node.js Concepts and Hands-on Practice**

#### **Asynchronous Programming**

Understanding asynchronous vs synchronous

Callbacks and Promises

#### **Third-Party Modules in Node.js**

Installing and using third-party modules

Exploring available modules

#### **Core Modules in Node.js**

Installing and using core modules like fs,http

Exploring available modules in core.

Local Modules in Node.js

- Working on how to create Local modules
- created samples on local modules.

Traditional Server vs Node.js Server

Contrasting traditional server architecture with Node.js

Building RESTful APIs in Node.js

- Creating a simple HTTP server
- Writing API calls using HTTP methods (GET, POST, PUT, DELETE)

Advanced Express.js

- Further exploration of Express.js features
- Middleware and routing in Express.js

Q&A and Recap

- Reviewing key concepts covered during the workshop
- Addressing participant questions and concerns

Outcome: Students were able to develop applications using Java Script, Node.js, JSON and Express JS.

Resource Persons:

- 1. Ms. Kadarla Archana, Senior Manager, Pragmatiq Systems Inc, Hyderabad.
2. Mr. Yasareni Srinivas, IIT Madras Alumnus.
Event Cordinators:
1. Ms.K.Priya, Asst. Professor, Dept. of Computer Science
2. Dr.T.S.Ravi Kiran, HoD & Asso. Professor, Dept. of Computer Science
3. Mr.G.Samrat Krishna, Asst. Professor, Dept. of Computer Science

Number of Students Benefitted: 120

Workshop on Node.js banner for Siddhartha College of Arts & Science, featuring resource persons and event coordinators.



News clipping in Telugu titled 'సాంకేతిక అభివృద్ధితో మలన్ని సేవలు' (Technical development provides many services).

News clipping in Telugu titled 'పీఠి సిద్ధార్థలో 'నోడ్. జె. ఎస్' పై రెండు రోజులు శిక్షణ' (Two-day training on Node.js at Pithi Siddhartha).

News Clipping of Sakshi dated on 14th October 2023



**P.B. Siddhartha College of Arts & Science: Department of Computer Science: 2022-2023**  
**Details of Internship Classes offered by Pragmatiq Systems, Vijayawada**  
**Duration: 12<sup>th</sup> August 2023 to 14<sup>th</sup> October 2023**

**Total Number of Students participated in Internship: 58**

**Total number of hours planned: 90**


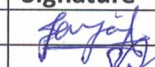
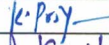





**Total number of hours conducted: 102**

S.No.	Date	Topic Covered	Topic Covered in Curriculum / New Topic	Number of Students Attended
01	12/09/2023	Orientation Class	New Topic	58
02	13/09/2023	Installations and LinkedIn, GitHub Account Creations	New Topic	58
03	14/09/2023	Installations and created React Application	New Topic	57
04	15/09/2023	Setup SQL Server Management, Downloading of Flutter	New Topic	57
05	16/09/2023	Setup flutter and Visual Studio Code, Installation of Android Studio and Packages in Android Studio	New Topic	56
06	19/09/2023	Introduction to React Application Architecture, Features and advantages of React JS, Brief on JSON	New Topic	57
07	20/09/2023	Class Based and Function-Based Components in React	New Topic	55
08	21/09/2023	State Management, Arrow Functions, Life Cycle Methods, Props, Conditional Rendering	New Topic	57
09	22/09/2023	Create React Portfolio Application, Exploring File Structure, React Hooks Concept, Use State and Use Effect Concepts In React, Lists and Keys	New Topic	58
10	23/09/2023	Created React Portfolio Application, Hosting Portfolio Application	New Topic	56
11	25/09/2023	Introduction to Flutter, DART Programming Language, Create and Running Sample Code in Dart Pad	New Topic	56
12	26/09/2023	Created New Flutter Project, Understanding the Project Structure, Build a Basic Flutter App, Run The Application on Emulator	New Topic	51
13	27/09/2023	Widgets, State Management, Dropdown Widget, Image Widget, Text Form Widget, Button Widget, Navigation Between Two Pages in Flutter	New Topic	54
14	28/9/2023	Creating Widgets in Flutter Application, Display List from other Page, Creating Widgets Referred By Flutter, Dev Working on API's and Data	New Topic	56
15	29/9/2023	Created TODO App in Flutter	New Topic	54
16	30/09/2023	Explanation of CSS, Button Events, Performance, React Application Created	New Topic	52
17	3/10/2023	Differences between Relational and Non-Relational Databases, Added Adventure Works2022 Database to SQL Server Management Studio, Basic Queries	New Topic	55

18	4/10/2023	Download JSON File, MongoDB Definition, Document Structure, Uses, Data Modelling, JSON, BSON, Dynamic Schema, Created a DB in MongoDB.	New Topic	58
19	5/10/2023	Divided Teams and discussed on Project	Interaction Session	58
20	6/10/2023	Worked on The Project	New Topic	57
21	7/10/2023	Worked on The Project	New Topic	56
22	9/10/2023	Worked on The Project	New Topic	53
23	10/10/2023	Interaction Session with G.Bharath Kumar Reedy, CEO, Pragmatiq	Interaction Session	51
24	11/10/2023	A Database Created in SSMS and inserted few rows, Installed Package, JSON in VSCODE	New Topic	52
25	12/10/2023	Completed Flutter App Front End	New Topic	46
26	13/10/2023	Introduction To Back-End, Node Js, Learned Topics in Node JS, Created Sample JSON Files	New Topic	48
27	14/10/2023	Made A Small Project On Node-JS, Some JSON Topics on Node JS	New Topic	58

Percentage of classes taught in hours: 100% (102/90)

Percentages of New Topics which are not covered in curriculum: 100%

Mentor	Signature	Mentor	Signature
Dr.T.S.Ravi Kiran		R.Jayamma	
K.Priya		K.RajaSree	
A.Kavitha		B. Roja Priscilla	
G.Samrat Krishna		V.V.Ramana	



**P.B.Siddhartha College of Arts & Science::Department of Computer Science (PG)**  
**16<sup>th</sup> to 17<sup>th</sup> June 2020**  
**Webinar on Deep Learning using Autoencoders**

The Department of Computer Science, P.B.Siddhartha College of Arts & Science had organized a “**Webinar on Deep Learning using Autoencoders**” for Faculty / Research Scholars/Students from **16<sup>th</sup> to 17<sup>th</sup> June 2020** from 2 P.M to 4 P.M.

Dr. Venkatanareshbabu Kuppili, Assistant Professor, Department of Computer Science, NIT, Goa was the resource person. He explained various algorithms of Artificial Neural Networks including Deep Learning. Every algorithm is explained with many illustrations. Perceptron, Back Propagation and Autoencoders on Day 1. Deep Learning using Autoencoders on Day 2 is demonstrated.

Total 658 participants from Andhra Pradesh, Telangana, Tamilnadu, Karnataka, Uttara Pradesh, Odissa, Maharastra, West Bengar, Uttarkhand, New Delhi, Madya Pradesh, Punjab, Jammu & Kashmir and Puducherry states and from countries Indonesia, Yeman and Hodiedah registered for the Webinar. Participant’s attendance was monitored using daily feedback collected and 336 certificates were issued to the participants who attended all the sessions.

Outcome of Webinar:

- Learned relation between Biological Neuron and Artificial Neuron.
- Gained Knowledge in Machine Learning.
- Learned Machine Learning Algorithms Perceptron, Mathematical Derivations of Perceptron, Solved examples. Backpropagation and its applications, Autoencoders, Deep Learning.

Resource Person
Dr. Venkatanareshbabu Kuppili, Assistant Professor, Department of CSE, NIT, Goa. Email: venkatanaresh@nitgoa.ac.in, Mobile:09049436708

Event Coordinators
1. Dr.T.S.Ravi Kiran,HOD, Dept of Computer Science
2. Mr. G.Samrat Krishna, Assistant Professor

	<b>P.B Siddhartha College of Arts &amp; Science</b> Vijayawada, Andhra Pradesh Autonomous Since 1988 Accredited at 'A+' by NACC (Cycle III) ISO 9001-2015 Certified College with Potential for Excellence (Awarded by UGC)	
<b>A Webinar on</b> <b>Deep Learning using Auto Encoders</b> <b>16<sup>th</sup> to 17<sup>th</sup> June 2020, 2 P.M to 4 P.M</b>		
<b>Program Highlights:</b> <ul style="list-style-type: none"><li>▪ The Program is open to Faculty / Research Scholars / Students.</li><li>▪ Registration on First Come First Serve Basis.</li><li>▪ Hands on Sessions.</li></ul>	<b>Resource Person:</b> Dr. Venkatanareshbabu.Kuppili Assistant Professor, Dept. of Computer Science & Engineering, NIT, Goa. E-mail: venkatanaresh@nitgoa.ac.in Mobile: 9049436708	
<b>Media: Zoom</b>	Registration Link: <a href="http://shorturl.at/hkqF1">http:// shorturl.at/hkqF1</a>	
<b>Registration: Free</b>	<b>Organizing Secretary:</b> Dr.T.S.Ravi Kiran, Head of the Department, Department of Computer of Science, P.B.Siddhartha College of Arts & Science. Mobile: 9441176980 E-mail: tsravikiran@pbsiddhartha.ac.in	
<b>Coordinator:</b> Mr. G.Samrat Krishna, Asst. Professor Mobile: 9177937461 E-mail: samratkrishnagaddam@gmail.com		
<b>Organized by:</b> Department of Computer Science, P.B.Siddhartha College of Arts & Science & <a href="#">Computer Society of India, Vijayawada</a>		



**P.B.Siddhartha College of Arts & Science::Department of Computer Science (PG)**  
**7<sup>th</sup> to 9<sup>th</sup> June 2020**

**Webinar on Machine Learning Algorithms for Practical Approach**

The Department of Computer Science, P.B.Siddhartha College of Arts & Science had organized a “**Webinar on Machine Learning Algorithms for Practical Approach**” for Faculty / Research Scholars / Students from 7<sup>th</sup> to 9<sup>th</sup> June 2020.

Mr. A.Lakshmana Rao, Assistant Professor, Raghu Engineering College, Viskhapatnam was the resource person. He explained Basics of Machine Learning, Writing Python Programs using SPYDER Tool, Demonstrated how to download the Data Sets from Internet, How to clean the Data Sets on Day1 and Day2. On Day3, Machine Learning Algorithms like Logistic Regression, Decision Trees, Navie Bayes, Random Forest, K-Means were explained. He practically demonstrated how to implement the Machine Learning Algorithms using Python.

Total 691 participants from Andhra Pradesh, Tamilnadu, Karnataka, Uttara Pradesh, Odissa, West Bengal, Maharastra, Uttarkhand, Haryana and Puducherry states registered for the Webinar. Participant’s attendance was monitored using daily feedback collected and 613 certificates were issued to the participants who attended all the sessions.

**Outcome of Webinar:**

- Learned creating Python Programs using SPYDER.
- Gained Knowledge in Machine Learning.
- Learned Machine Learning Algorithms Logistic Regression, Decision Trees, Navie Bayes, Random Forest, and K-Means.

Resource Person	Signature
Mr.A.Lakshmana Rao	Mobile: +91 99510 60528 E-Mail: lakshmanarao.a@raghuenggcollege.in

Event Coordinators	
1. Dr.T.S.Ravi Kiran,HOD, Dept of Computer Science	2. Mr. G.Samrat Krishna, Assistant Professor





**P.B.Siddhartha College of Arts & Science::Department of Computer Science (PG)**  
**23<sup>rd</sup> July 2020**  
**Webinar on Python Programming**

The Department of Computer Science, P.B.Siddhartha College of Arts & Science in collaboration with Pantech e-Learning, Chennai had organized a “**Webinar on Python Programming**” for Faculty/Research Scholars/Students 23<sup>rd</sup> July 2020.

Ms.Hema Sri, Trainer, Pantech e-Learning, Chennai was the resource person. She explained Basics of Python Programming. She also demonstrated applications using python programming..

Total 300 participants from different states registered for the Webinar. Participant’s attendance was monitored using daily feedback and 253 certificates were issued to the participants who attended all the sessions.

Outcome of Webinar:

- Gained Knowledge in Python Programming.
- Learned creating Python Programs.
- Developed applications using Python Programming

Resource Person	Signature
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