# St. Ann's College for Women

(Autonomous), Affiliated to Osmania University Accredited by NAAC with A<sup>+</sup> Grade (3<sup>rd</sup> cycle), CPE by UGC Mehdipatnam, Hyderabad.





# CRITERION V STUDENT SUPPORT AND PROGRESSION

**5.1.3** 

Capacity development and Skills enhancement activities

Soft Skills, Language & Communication Skills and

Life Skills

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### **Awareness of Trends In Technology**

#### 2020-21

S.No	Name Of The Capability Enhancement Programm		Number of Students Enrolled	Name Of The Agencies/Experts Involved With Details If Any
1	Webinar On Data Visualisation	27.07.2020	120	Dr. Vinay Chaganti, VP, Byndr Inc. Ph.No:9052415913
2	3 Day Workshop On Biofuels, Biofertilisers & Bioprocess Technologies	06.08.2020 To 08.08.2020	75	Dr. Venu Gopal, Head Department Of Genetics, Ph.NO:9985065518
3	NPTEL-Awareness Program	09.08.2020	449	Dr. Sarala.Head, Department Of Physics & Electronics. Ph. No:7032393763
4	Awareness Training Program On Using Virtual Labs	21.07.2020	800	Dr. Sarala.Head Department Of Physics & Electronics, Ph.No:7032393763
5	Workshop On Overview Of Data Analysis Using MS-Excel	06.03.2021	170	Dr. D. V. Ramana, Data Science Consultant, Wissen Infotech
6	Extension Lecture On Programmatic Thinking In Python	20.04.2021	80	Ms. N. Hemalatha, Trainer/Developer, Schema Technologies,contact no: 9505691737
7	Technocrats	30.04.2021	26	<ol> <li>Ms. Swetha         Senior Assoicate         Deloitte – Switzerland</li> <li>Mr. Vaibhav Jaiswal VK         Developer NilTech Pvt. Ltd         Hyderabad</li> <li>Mr. Eswaran Ganesan         Assistant Professor         PSN College – Tamilnadu         Ms.Pushpa Latha , Head         Department of MCA,St</li> </ol>

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		Ann's College for Women, Ph. No:8106828882
Applications of Data Science in Excel and R Programming	21- Dec 2020	Dr.Srikala,HoD,Dept of Statistics,ph.no: Ph.No:7729077295

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#### Webinar on Data Visualization

#### Circular

Dated: 25th July 2020

Subject: National Webinar on Introduction to Data Visualization

Date: 29th July 2020

Time: 10:00 a.m. to 12:00 p.m.

Resource Person: Dr. Vinay Chaganti, VP, Byndr Inc.

Venue: Online Mode - Webinar Target Group: Faculty and Students

Dear Faculty and Students,

We are pleased to announce a national webinar on 'Introduction to Data Visualization' organized by the Department of Computer Science on 29th July 2020. The webinar will be conducted from 10:00 a.m. to 12:00 p.m. through online mode.

Dr. Vinay Chaganti, Vice President at Byndr Inc., will be our esteemed resource person for this session. The session promises to be engaging and insightful, featuring numerous real-world examples and interactive elements.

During the webinar, participants will have the opportunity to pose questions and engage in discussions with Dr. Chaganti. His expertise and guidance will undoubtedly enrich our understanding of data visualization concepts.

We anticipate active participation from both faculty and students. Your involvement will contribute to the success of this event and enhance your knowledge in this important field.

We look forward to your enthusiastic participation.

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#### Report

**Date:** 29/7/2020 (10 a.m. To 12 p.m.)

**Resource person:** Dr. Vinay chaganti, vp, byndr inc(9052415913)

**Venue:** online mode -webinar

**Target group:** faculty and students

No of student participants: 120

#### **Objective, summary and outcome:**

The dept. Organized a national webinar on 'introduction to data visualization' on 29/7/2020. Dr. Vinay chaganti, vp, byndr inc. Was the resource person

Dr. Vinay chaganti dealt in detail the significance of data and the importance of data visualizatio with lot of samples and a very interesting and interactive session

The partipants posed a lots of queries which was patiently explained by the resource person.the students actively participated and promptly answered all the questions asked during the session.

<u>Feed back:</u> the students and faculty were highly satisfied with the webinar and the very knowledgeable resource person and gave an extremely good feedback



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Figure 1Participants of National Webinar on Introduction to Data Visualization on 29th July 2020



Vinay Chaganti delivering a session on 29th July 2020



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#### 3 day workshop on Biofuels, Biofertilisers & Bioprocess technologies

#### Report

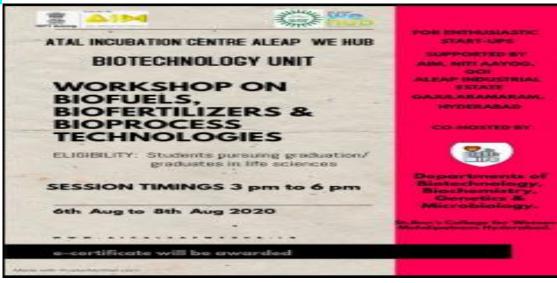
**Date:** 6 th - 8 th august, 2020

Venue : online.

Target group: student of all life sciences

No of student: 75

#### Flyer



#### Objective:

The main objective of this workshop is to make students learn concepts of industrial biotechnology.

### Summary:

Students pursuing graduation and post graduate students of lifesciences around 75 of them participated in the event. The workshop was co hosted by departments of biochemistry,genetics,microbiology and biotechnology of st.ann's college for women in collaboration with biotechnology unit of atal incubation centre aleap we hub and supported by aim niti aayog,goi for enthusiastic start-ups. Biotechnology unit of atal incubation centre, aleap we hub (supported by aim, niti aayog, goi) aleap industrial estate, gajularamaram, hyd organized 3 day

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hands-on training webinar workshop on industrial biotechnology from 6th august to 8th august 2020.the faculty of the four departments actively coordinated the 3 day event.dr. N.madhusudana rao,ceo atal incubation centre, ccmb,hyd was the chief guest on day 1 and gave an inaugural talk on importance & role of life sciences in startups. Followed by dr.zahurullah, chief innovation officer, aleap wehub, who spoke on "startup innovations in biotechnology manufacturing sector".on day 2 ,mr.sarath babu spoke on biofuels and opportunities for innovations in this area.third day sessions were taken over by mr.murali krishna and mr.sukumar from triton biosolutions, on the topic biofertilizers and introduction to bioprocess technologies in this session a virtual tour of the centre and virtual hands on training on bioprocess technologies ,real time exposure of industrial machinery (500 litre fermenter) was an add on. Topics covered in the workshop: 1.biofuels: introduction to biofuels, classification and feedstocks for biofuels, production technologies for biofuels. Downstream processing, environmental management in biofuel industry, latest research in biofuels. Leach bed bioreactor for msw conversion to biofuels. Market opportunities and current trends in biofuels towards a circular economy. 2.bio fertilizers: - introduction to bio fertilizers and fermentation process. Industrial sterilisation process and how to prepare seed culture with bacillus subtilis. Sterilisation of fermenter and techniques of inoculation of seed culture for production of bio fertilizers. 3.introduction to bioprocess technologies 4.hands-on training on bio process technologies 5.start-up opportunities in biotechnology sector 6.ipr in biotechnology interaction with industry experts, mentors and startup companies was an additional takeaway for the participants of the event. All participants received e-certificates.

#### Outcome:

Students have an insight of internship opportunity and evaluation of ideas or prototypes of faculties paving the way to become a startup.

**Photographs** 

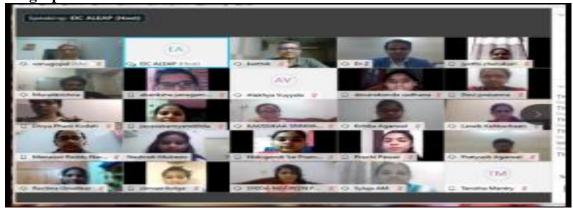


Figure 2online participants of 3 day workshop on Biofuels, Biofertilisers & Bioprocess technologies

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Figure 3 Resoource person delivering the session dated 7th August 2020

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### **NPTEL Awareness program**

#### Report

#### 2020-2021:

Name of the department	Ict centre
Title of the event	Nptel awareness program
Date	9th august 2020- july-december 2020 session 21st december,2020- jan-april 2021 session.
Venue	Online google meet
Target group	All students
No of student/ no. Of faculty participants	449

#### List of students:

Https://drive.google.com/file/d/1q\_x0kf8iubnl1lqb3w6oqonzlzubqfcd/view?Usp=share\_link

Name of the department	Ict centre
Title of the event	Virtual labs
Date	21st july, 2020.
Venue	Online google meet
Target group	All students from science streams - during covi 19 pandemic conditions.

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No of student/ no. Of faculty participants	800	

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To

The Program Manager,

Virtual Labs, IIIT-Hyderabad.

Sir/Madam

Sub: Virtual lab Workshops conducted in our college

This is to inform you that the institution has conducted laboratory experiments using Virtual labs durin the period May 2020- June 2021. These labs were extremely useful during the Covid-19 pandemic period. The details are given below.

S. No	Dates	Workshops done	Sessions Conducted	Departments/ Labs Covered	Number of Students Participated	No. of usages
1	05/08/2020	8	10	Physics	50	4000
2	12/08/2020	8	10	Physics	50	4000
3	19/08/2020	8	10	Physics	50	4000
4	26/02/2020	8	10	Physics	50	4000
5	02/09/2020	8	10	Physics	50	4000
6	09/09/2020	8	10	Physics	50	4000
7	16/09/2020	8	10	Electronics	50	4000
8	07/10/2020	8	10	Electronics	50	4000
9	14/10/2020	8	10	Electronics	50	4000
10	21/10/2020	8	10	Electronics	50	4000
11	28/10/2020	8	10	Electronics	50	4000
12	04/11/2020	8	10	Electronics	50	4000
13	18/01/2021	2	2	Physics	50	200
14	19/01/2021	2	2	Electronics	50	200
15	30/1/2021	2	2	Physics	50	200
16	31/01/2021	2	2	Electronics	50	200
	Total	104	128		800	
			48800		1600	48800

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#### Online certificate distribution program:



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Ref No: VL/NC Appointment

Date: 02/07/2021

Phone: 040-23513020

To, The Principal, St.Ann's College for Women, Mehdipatnam,Hyderabad, Telangana-500028.

#### Sub: Virtual Lab's Nodal Centre

With reference to your Expression of Interest for Virtual Labs dated **05.07.2019** it gives me immense pleasure to designate your college as a Nodal Centre for Virtual Labs in Telangana. As nominated by you, **Dr.D.Sarala** has been accepted to act as the Nodal Coordinator from your college. This approval is valid up to 31st December 2021 subject to the following Terms and Conditions and any subsequent directives as issued by MHRD from time to time:

- 1. Approved status of AICTE/STEB/UGC is mandatory for your college.
- The necessary infrastructure (dedicated space having personal computers with 1 Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
- 3. Nodal centers will get operational, technical support as given below.
- 4. The semester target is 4000 usages and proposal for 2 experiment development.
- 5. A semester wise monthly target and achievement plan will be submitted to Vlabs.
- 6. Each Nodal Centers will organize at least one workshop per semester as an outreach activity of Virtual Labs.
- 7. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
- The usages are to be entered into the outreach portal for them to be accounted under your Nodal Center. This is a necessary condition for meeting your target.
- Nodal Coordinator should attend the meeting held at IIIT Hyderabad, as per schedule and a semester wise
  report of Vlabs usage and feedbacks by the faculty members and students should be submitted as required.
  Usages and other workshop activity shall be reported on a monthly basis.
- 10. Strict adherence to the standard lab procedures and cyber security laws need to be followed.
- 11. Any violation of the above will result in automatic cancellation of Nodal Centre status for your college without giving any notice.

#### Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community. Wish you all the best!

Thank You, Sincerely,

Dr. Venkatesh Choppella

Principal Investigator, Virtual Labs Project

IIIT Hyderabad – 500032

venkatesh.choppella@iiit.ac.in

Virtual Labs, International Institute of Information Technology, Gachibowli, Hyderabad 500 032, Telangana, INDIA

Head of the Department Physics & Electronics St. Ann's College for Women Mehdipatnam. Hyd-2\*

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### Overview of Data Analysis using Ms Excel Report

• **Date:** 6<sup>th</sup> march 2021

• Venue: online

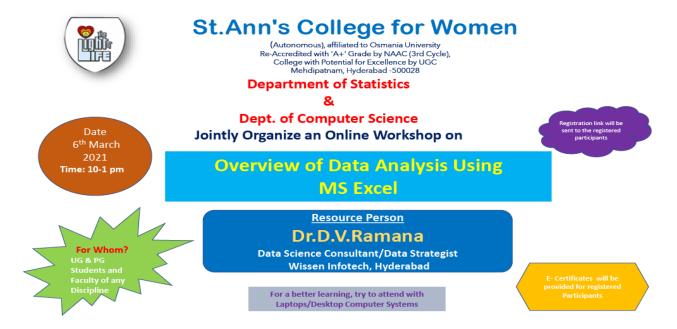
• Target group: ug and pg students and faculty of any discipline

• No of student/ no. Of faculty participant: 170

#### Objective, summary and outcome

A workshop on overview of data analysis using ms excel was organized by department of statistics and computer science for the students of ug and pg on 6<sup>th</sup> march 2021.

#### **Flyer**



#### **Objective:**

The main objective of this workshop is to make students understand data analysis using ms excel.

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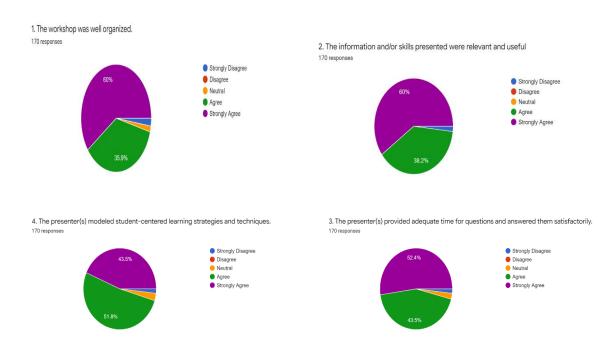
#### **Summary:**

Sir has explained that the data analysis is the process of cleansing, transforming, and analyzing raw data to obtain usable, relevant information that can assist businesses in making educated decisions. Excel provide commands, functions and tools that make your data analysis tasks easy. Further, understanding lookup functions, pivot tables, data visualization, data validation, working with multiple worksheets, methods for data analysis in excel i.e., concatenate, averageifs etc with examples.

#### **Outcomes:**

At the end of the session the students will learn about data analysis, how to work with ms excel and excel commands.

#### Feedback of the participants



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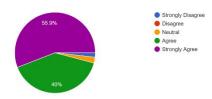
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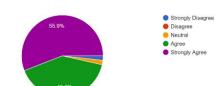
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5. This workshop increased my knowledge and skills in MS Excel.

7. The speaker stimulated me to think and learn.

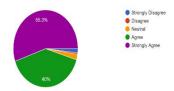




9. The content discussed by the speaker was relevant.

6. The workshop as presented was congruent with the workshop description.

Strongly Disagree
Disagree
Neutral
Agree
Strongly Agree



<u> </u>	
S.no.	Name of the student
1.	Aparna
2.	K.keerthi
3.	Venu madhavi
4.	Roshni kumari
5.	Isha kumari
6.	Qoula kaunain
7.	Mamdekar shailaja

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8.	Tafifa anwar ahmed miya
9.	Bvs pavani
10.	Maddu jemima james
11.	Hira fatima
12.	Tahiya anwar ahmed miya
13.	Beulah blessy
14.	Syeda ruhina yaqoob
15.	P. Chandana priya
16.	Muskan jiwani
17.	Sania siddiqui
18.	J. Shravanthi
19.	Akanksha talwar
20.	Uroosa ahmed
21.	Priti lakhe

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22.	Abhinaya reddy poreddy
23.	Kritika agarwal
24.	Neha
25.	Afrah fatima
26.	Pampati siri chandana sri
27.	K.shravya
28.	E arpitha
29.	M.rajeshree
30.	N.siri
31.	Shivani kandagatla
32.	Shakeela saniya
33.	Sabha sultana
34.	Y.madhu mitha
35.	Sarah jabeen

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36.	Sheetal jambkar
37.	Sabha sultana
38.	Amena sadiq
39.	Nandini pulipati
40.	D.meghana
41.	Jaya laxmi
42.	N.kiranmayee padma lalita
43.	V soumya
44.	Beemarthi rakshitha
45.	Koneti.nagamani
46.	Damayanthi
47.	Saleha sabahat
48.	Siriyala tharuni kumari
49.	Shamlate manisha

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50.	V viiovo lokahmi
50.	K.vijaya lakshmi
51.	Bagli santhosha
52.	Kamaram bhavana
53.	Poila manasa
54.	Phalguni sadnani
55.	E arpitha
56.	Pooja kanwer
57.	Kayitha akshara
58.	A. Shalini priya reddy
59.	Sania siddiqui
60.	Pittala anusha
61.	Nandini pulipati
62.	Saniya mahreen
63.	G.prasanna gayathri

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78.	Mannem kirthi
79.	Samra sanober
80.	Syeda humera
81.	S.aruna
82.	Am sylaja
83.	Pampati siri chandana sri
84.	A.srujana reddy
85.	Uzma sayeed
86.	P.r.akshara sheetal
87.	Vaishnavi singh
88.	N.aishwarya
89.	A.madhumitha reddy
90.	Chiluka keerthi
91.	T. Ravalikha

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	-
92.	Tafifa anwar ahmed miya
93.	K.s.s.pranamya
94.	Tulasi bavisetti
95.	Sneha kiran ettineni
96.	P. Lakshmi gayathri
97.	Godha annapurna
98.	Mallela shravya
99.	M.deepika
100.	Kusuma
101.	Syeda humera sultana
102.	Shriya
103.	Choudhary deekshitha
104.	Sadia nuzhath

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105.	Jetling niharika
106.	Pathi.keerthana
107.	Mettu nitya pujitha
108.	Akanksha modi
109.	Machidi sathwika
110.	Marri.akshitha
111.	Ayesha
112.	Syeda ruhina yaqoob
113.	K.shamili
114.	S.jahnavi
115.	Batta pooja

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116.	Kamaram bhavana
117.	Manmeeth kaur
118.	M. Vasavi priya
119.	Akshaya reddy
120.	B.vishnupriya
121.	Jetling niharika
122.	M. Neha
123.	Sumaira muskaan
124.	Sarah jabeen
125.	M.lavanya gayathri
126.	Preethi vadluri

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	_
127.	P. Lakshmi gayathri
128.	Abhinaya reddy poreddy
129.	Sara hashmi
130.	Aashritha
131.	Meenal mumtaz
132.	Safura mariyam
133.	Shamlate manisha
134.	Afshan begum
135.	Akhsia mehreen
136.	Sharmin aziz
137.	Shaiza mehak

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	Т 1
138.	Sayda
139.	Balusupatishirisha
140.	Induri. Sreelakshmi
141.	K.s.sriya
142.	Balusupatishirisha
143.	Rajith
144.	Arma sahar
145.	Gontla. Bhavya
146.	Fiza naaz
147.	Sarla bhavani
148.	A usha rani

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	,
149.	Mahreen zafar
150.	Hanvee reddy
151.	G.madhulika
152.	Kolar nikhitha
153.	Sara madani
154.	Soppari srilatha
155.	Tanisha mantry
156.	M.v.kavya
157.	Sharmin aziz
158.	Seemar singh
159.	G.vasavi

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160.	G.vijaya lakahmi
161.	Kavya sri.e
162.	G. Navyasri
163.	G. Navyasri
164.	Sadiya khan
165.	Priti lakhe
166.	N. Ramya sree
167.	Sayda
168.	B.mamatha
169.	B.mamatha
170.	Afrah fatima

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Affiliated to Osmania University

Accredited A+ Grade by NAAC (3<sup>rd</sup> Cycle), College with Potential for Excellence by UGC

ISO 9001: 2015 ISO 14001: 2015

Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

### Workshop on Programmatic thinking with Python

#### Report

**Date:** 20<sup>th</sup> april 2021

Resource person: ms. N. Hemalatha(contact no: 9505691737)

Venue: online mode

**Target group:** students (i and ii year)

No of student participants: 80

Objective, summary and outcome:

The dept. Organized a webinar on 'programmatic thinking with python' for students on 20<sup>th</sup> april 2021.ms. N. Hemalatha, trainer/developer, schema technologies was the resource person. The objective of this workshop is to convey to the students the importance of python, uses and train them in designing and programming python applications covering various aspects like strings, lists, tuples, dictionaries, regular expressions, object types, creating modules /packages and their usage.

The resource person dealt with each of these and the students had hands—on session with examples. The session concluded with queries by students and the resource person giving explanation and answering them.

**Feedback:** the students were satisfied with the session and have given a positive feedback. The feedback from the students was taken via google forms.

#### **Brochure:**

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#### St.Ann's College for Women (Autonomous)



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#### **Department of Computer Science**

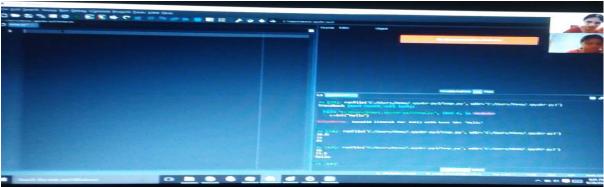
Organizes a Webinar

 $\mathbf{on}$ 

**Snap of the** 

#### **Programmatic Thinking with Python**

Date: 20-04-2021 Time: 3:00pm to 4:30 pm



session in

Ms. P.Naga Kavitha – Asst.Prof. Dept. of Computer Science Ms.K. Rajeswari - Asst.Prof. Dept. of Computer Science

progress:



Phone: 040-23513020 Website: www.stannscollegehyd.com

E-mail: stann college@yahoo.co.in



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#### "Technocrats elite - 2021"

A model building competition and exhibition

#### Report 2020-2021:

Department of mca organized technocrats elite 2021 - a model building competition and exhibition on 30th april 2021 at 11:00am. This event is one of the best practices of the department and been conducting consecutively since 2 years. Students from different colleges, institutions and schools has attended the it exhibition which is conducted online.

The it exhibition gives a platform to many enthusiastic students who have a desire to develop, build and experiment the technological concepts through experiential learning, thus pointing to necessary research attention, in their own domain. A fair number of participants registered (8 teams) to attend and exhibit the different models of technology. The outcome is truly a remarkable achievement. Students are being judged and asked to explain further to compete with each other and won first, second and third prizes along with consolation prizes. It been a great success that everyone has given their best in projecting the exhibits and competed with each other.

#### Chief guest & judges:

1. Ms. Swetha

Senior assoicate Deloitte - switzerland

0. Mr. Vaibhav jaiswal vk

Developer niltech pvt. Ltd

Hyderabad

0. Mr. Eswaran ganesan

Assistant professor

Psn college – tamilnadu

#### **Details of the participants:**

Total no. Of participants registered 26

Total no. Of participants attended 26

Number of teams registered 10

#### **Details of the prize winners:**

S.no	Name of the student	Organization	Exhibit name	Prize details
1	Mr. Yogesh vyas	B.r.j.c paris high school	Motion sensor with buzzer	I prize

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# ST. ANN'S COLLEGE FOR WOMEN

	Τ	T		( 2000/
				(rs. 3000/-
				cash)
	Ms. Sabiha	St. Ann's	Food monitoring system – an iot	Ii prize
2	Ms. Laxmi sai	college	based project	(rs. 2000/-
	prasanna	conege	bused project	cash)
	Ms. Rehana mirza			
	Ms. Mahera jabeen	St. Ann's	Two-in-one robot (bluetooth	Iii prize
3	Ms. Sana sultana	college	controlled robot and line-	(rs. 1000/-
	Ms. Habeeb	conege	follower robot)	cash)
	unnissa			
	Ms. Pranitha			Consolation
4	Ms. Alekhya	St. Ann's	Iot based smart board	prize
+	Ms. Sandhya	college	Tot based smart board	(rs.500/-
	Ms. Supriya			cash)
	Ms. Divya	Narayanamma college of engineering	Design of multifunctional	Consolation
5			android-based smart home	prize
3			control and monitoring system	(rs.200/-
			using raspberry pi	cash)
				Consolation
6	Ms. Vedanvitha	Cvr college of engineering	Embedded system – smart helmet	prize
0				(rs.200/-
				cash)
				Consolation
7	Mr. Thomas	St. Paul's high school	Obstacle avoider robot	prize
/				(rs.200/-
				cash)
	Ms. Sowmya reddy			Consolation
8	Ms. Prathyusha	St. Ann's	Smart traffic management system	prize
0	Ms. Rama	college	(ultrasonic sensor)	(rs.500/-
	Ms. Poojitha	_		cash)

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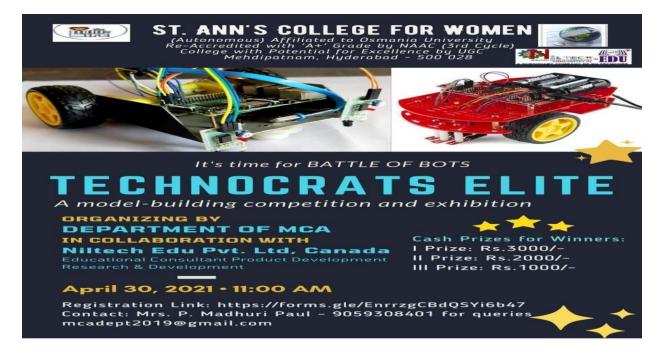
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#### **Glimpses:**

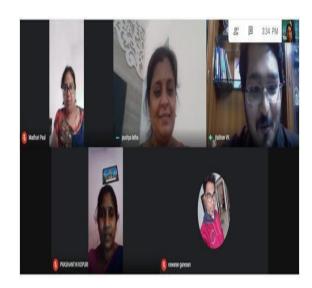




Figure 40nline particiipants for Techno crats

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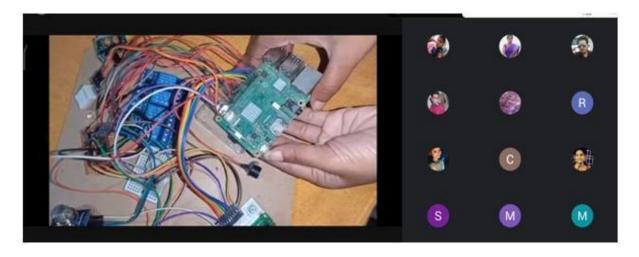


Figure 5Participants showing the demo of the product Dated:30<sup>th</sup> April 2021

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Department of M.C.A.,

St. Ana's College for Women (PG Cours)

(Autonomous),

Mehdipatnam, Hyderabad-28

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### Applications of Data Science in Excel and R programming

#### Circular Dated :20<sup>th</sup> December 2020

Subject: Webinar on Applications of Data Science in Excel and R Programming

Date: 21st December 2020

Venue: Online

Target Group: Undergraduate (UG) and Postgraduate (PG) Students, Faculty of Any Discipline

Dear Students and Faculty,

The Department of Statistics and Computer Science is pleased to announce a webinar on "Applications of Data Science in Excel and R Programming" scheduled for 21st December 2020. The webinar will be conducted online.

This session is open to undergraduate (UG) and postgraduate (PG) students, as well as faculty members from any discipline.

The webinar promises to be an enriching experience, providing valuable knowledge and skills relevant to contemporary data analysis techniques.

We encourage all interested students and faculty members to participate actively in this event.

We look forward to your enthusiastic participation.

PRINCIPAL ST. ANN'S COLLEGE FOR WOMEN MEHDIPATNAM, HYDERABAD-28.

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#### Report

• **Date:** 21<sup>st</sup> dec 2020

• Venue: online

• Target group: ug and pg students and faculty of any discipline

No of student/ no. Of faculty participant: 90

Applications of data science in excel and r programming was organized by department of statistics and computer science for the students of ug and pg on 21<sup>st</sup> dec 2020.

#### **Objective:**

The main objective of this webinar is to make students know the applications of data science in ms excel and r.

#### **Summary:**

- The guest lecture was given by dr. M. Raghunandh acharya (b.ed. Pgdc, msc (statistics), mba (marketing), phd (statistics), director, datakaizen on 21<sup>st</sup> dec 2020 @ 2:30pm.
- Sir has explained that data science is the field of study that combines domain expertise, programming skills, and knowledge of mathematics and statistics to extract meaningful insights from data.
- R in data science is used to handle, store and analyze data. It is used for data analysis and statistical modeling.
- Excel is a well-known software program included in the microsoft office suite. Used to create spreadsheets, execute calculations, produce charts, and perform statistical analysis, excel is used by many professionals across a variety of industries.
- Sir has explained how ms excel and r are used in data science.
- R can be used in the field of data science in many areas descriptive statistics, exploratory data analysis, analysis of probability distributions, predictive modelling.

#### **Outcomes:**

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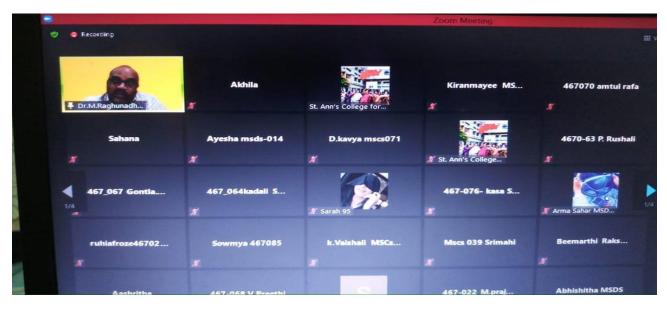
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Students will develop relevant programming abilities, demonstrate proficiency with statistical analysis of data, apply data science concepts and methods to solve problems in real-world contexts and will communicate these solutions effectively.

#### Feedback of the participants

- 57.6% agree that overall organization of the lecture was as expected.
- 54.1% agree that content discussed by the speaker was relevant.
- 58.6% agree that the lecture has covered the expected content.
- 51.5% agree that speaker gave informative and interesting points.

#### **Snap shots**



Resource person . M. Raghunandh acharya , delivering the session Dated 21st December 2020

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