

ST. ANN'S COLLEGE FOR WOMEN

(Autonomous) Affiliated to Osmania University Accredited A+ Grade by NAAC (3" Cycle), College with Potential for Excellence by UGC ISO 9001: 2015 ISO 14001: 2015 Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

Awareness of Trends In Technology

S. No	Name Of The Capability Enhancement Programm	Date Of Implementatio n	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	 Ms. Swetha Senior Assoicate Deloitte – Switzerland Mr. Vaibhav Jaiswal VK Developer NilTech Pvt. Ltd Hyderabad Mr. Eswaran Ganesan Assistant Professor

2020-21



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				PSN College – Tamilnadu Ms.Pushpa Latha , Head Department of MCA,St Ann's College for Women, <u>Ph.No:810682888</u> <u>2</u>
8	Applications of Data Science in Excel and R Programming	21 [.] Dec 2020	90	Dr.Srikala,HoD,Dept of Statistics,ph.no: <u>Ph.No:7729077295</u>



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Webinar on Data Visualization

<u>Report</u>

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.

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



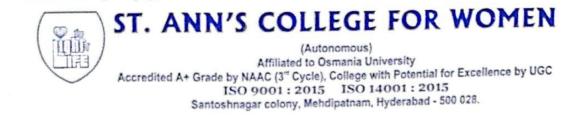


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3 day workshop on Biofuels, Biofertilisers & Bioprocess technologies

Report

Date : 6 th - 8 th august, 2020 **Venue :** online. **Target group:** student of all life sciences **No of student: 75**

Flyer

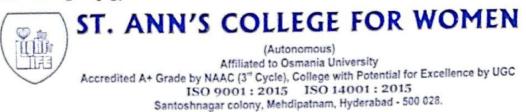


Objective :

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 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.

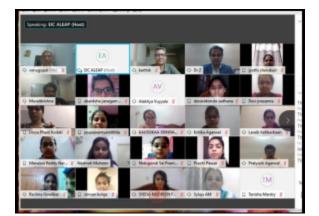
Outcome:

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

Photographs



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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_x0kf8iubnl11qb3w6oqonzlzubqfcd/view?Usp=share_link

Name of the department	Ict centre
Title of the event	Virtual labs
Date	21st july, 2020.
Venue	Online google meet

Website	:	www.stannscollegehyd.com
E-mail	:	stann_college@yahoo.co.in



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Target group	All students from science streams - during covid-19 pandemic conditions.
No of student/ no. Of faculty participants	800



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Website : www.stannscollegehyd.com E-mail : stann_college@yahoo.co.in Phone: 040-23513020

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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

200 5 PRINCIPAL ST. ANN'S COLLEGE FOR WOMEN MEHDIPATNAM, HYDERABAD-2.



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Online certificate distribution program :



Https://drive.google.com/file/d/1zq9ufpwrtpt0-hitv9jxrlp93mtwrxrj/view?Usp=share_link



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Ref No: VL/NC Appointment

To.

Date: 02/07/2021

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.
- 2. The necessary infrastructure (dedicated space having personal computers with 1 Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
- Nodal centers will get operational, technical support as given below. 3.
- 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.
- 8. 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.
- 9. 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

and of the Department Physics & Electronics Ann's College for Women Mendigatnam. Hyd-2#



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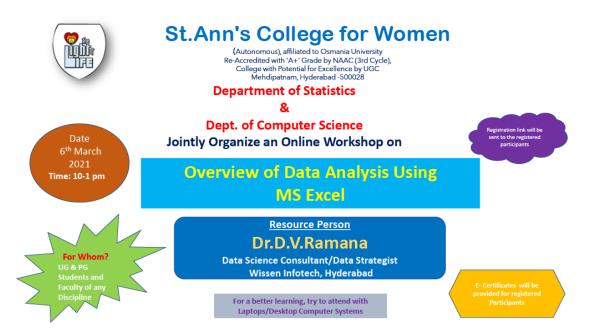
Overview of Data Analysis using Ms Excel Report

- **Date:** 6th 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 6th march 2021.

Flyer



Objective:

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



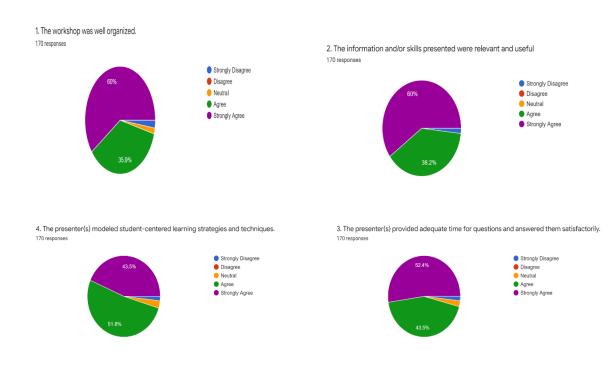


Summary:

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.

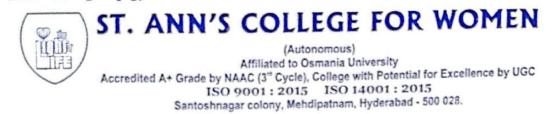
Outcomes:

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

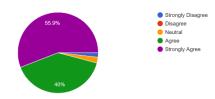


Feedback of the participants

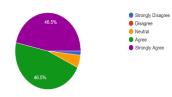
Phone: 040-23513020



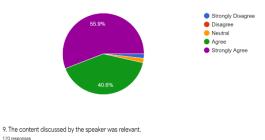
5. This workshop increased my knowledge and skills in MS Excel.



6. The workshop as presented was congruent with the workshop description. 170 responses



7. The speaker stimulated me to think and learn. 170 responses





S.no.	Name if the student
1.	Aparna



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2.	K.keerthi
3.	Venu madhavi
4.	Roshni kumari
5.	Isha kumari
6.	Qoula kaunain
7.	Mamdekar shailaja
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

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16.	Muskan jiwani
17.	Sania siddiqui
18.	J. Shravanthi
19.	Akanksha talwar
20.	Uroosa ahmed
21.	Priti lakhe
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

Т



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30.	N.siri
31.	Shivani kandagatla
32.	Shakeela saniya
33.	Sabha sultana
34.	Y.madhu mitha
35.	Sarah jabeen
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

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Beemarthi rakshitha
Koneti.nagamani
Damayanthi
Saleha sabahat
Siriyala tharuni kumari
Shamlate manisha
K.vijaya lakshmi
Bagli santhosha
Kamaram bhavana
Poila manasa
Phalguni sadnani
E arpitha
Pooja kanwer
Kayitha akshara

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58.	A. Shalini priya reddy
59.	Sania siddiqui
60.	Pittala anusha
61.	Nandini pulipati
62.	Saniya mahreen
63.	G.prasanna gayathri
64.	Amtul rafa
65.	Sara tejaswini
66.	
	Ritu jagtap
67.	N leela maanasa
68.	S.srinidhi
69.	Nikhat fatima
70.	B anil kumar
71.	Roshni kumari

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72.	Lisa singh
73.	Manasa kadapalla
74.	Azza siddiqui
75.	Kamlekar vaishali
76.	B.vishnupriya
77.	Pathi.keerthana
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

Т



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86.	P.r.akshara sheetal
87.	Vaishnavi singh
88.	N.aishwarya
89.	A.madhumitha reddy
90.	Chiluka keerthi
91.	T. Ravalikha
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



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100.	Kusuma
101.	Syeda humera sultana
102.	Shriya
103.	Choudhary deekshitha
104.	Sadia nuzhath
105.	Jetling niharika
106.	Pathi.keerthana
107.	Mettu nitya pujitha
108.	Akanksha modi
109.	Machidi sathwika

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110.	Marri.akshitha
111.	Ayesha
112.	Syeda ruhina yaqoob
113.	K.shamili
114.	S.jahnavi
115.	Batta pooja
116.	Kamaram bhavana
117.	Manmeeth kaur
118.	M. Vasavi priya
119.	Akshaya reddy

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120.	B.vishnupriya
121.	Jetling niharika
122.	M. Neha
123.	Sumaira muskaan
124.	Sarah jabeen
125.	M.lavanya gayathri
126.	Preethi vadluri
127.	P. Lakshmi gayathri
128.	Abhinaya reddy poreddy
129.	Sara hashmi

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130.	Aashritha
131.	Meenal mumtaz
132.	Safura mariyam
133.	Shamlate manisha
134.	Afshan begum
135.	Akhsia mehreen
136.	Sharmin aziz
137.	Shaiza mehak
138.	Sayda
139.	Balusupatishirisha

Т



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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
149.	Mahreen zafar

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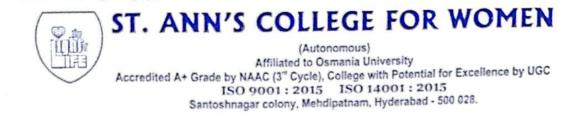
150.	Hanvee reddy
151.	G.madhulika
152.	Kolar nikhitha
153.	Sara madani
154.	Soppari srilatha
155.	Tanisha mantry
156.	M.v.kavya
157.	Sharmin aziz
158.	Seemar singh
159.	G.vasavi

Т



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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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Workshop on Programmatic thinking with Python

<u>Report</u>

Date: 20th 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 20th 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:

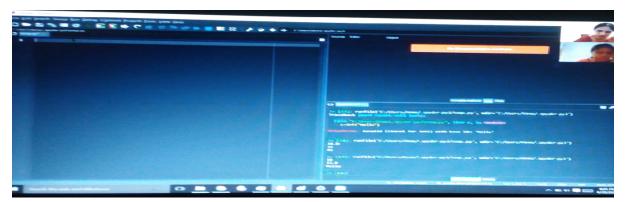




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Snap of the session in progress:







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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 • : Total no. Of participants attended :

• Number of teams registered : 10

Details of the prize winners:

S.no	Name of the student	Organization	Exhibit name	Prize details	
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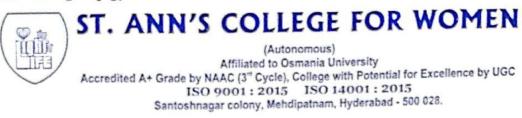
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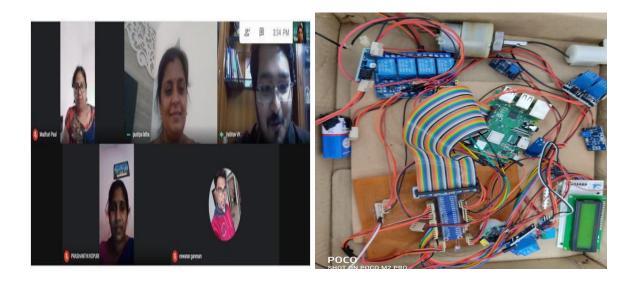


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1	Mr. Yogesh vyas	B.r.j.c paris high school	Motion sensor with buzzer	I prize (rs. 3000/- cash)
2	Ms. Sabiha Ms. Laxmi sai prasanna	St. Ann's college	Food monitoring system – an iot based project	Ii prize (rs. 2000/- cash)
3	Ms. Rehana mirza Ms. Mahera jabeen Ms. Sana sultana Ms. Habeeb unnissa	St. Ann's college	Two-in-one robot (bluetooth controlled robot and line-follower robot)	Iii prize (rs. 1000/- cash)
4	Ms. Pranitha Ms. Alekhya Ms. Sandhya Ms. Supriya	St. Ann's college	Iot based smart board	Consolation prize (rs.500/- cash)
5	Ms. Divya	Narayanamma college of engineering	Design of multifunctional android-based smart home control and monitoring system using raspberry pi	Consolation prize (rs.200/- cash)
6	Ms. Vedanvitha	Cvr college of engineering	Embedded system – smart helmet	Consolation prize (rs.200/- cash)
7	Mr. Thomas	St. Paul's high school	Obstacle avoider robot	Consolation prize (rs.200/- cash)
8	Ms. Sowmya reddy Ms. Prathyusha Ms. Rama Ms. Poojitha	St. Ann's college	Smart traffic management system (ultrasonic sensor)	Consolation prize (rs.500/- cash)



Glimpses:





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(Autonomous) Affiliated to Osmania University Accredited A+ Grade by NAAC (3" Cycle), College with Potential for Excellence by UGC ISO 9001:2015 ISO 14001:2015 Santoshnagar colony, Mehdipatnam, Hyderabad - 500 028.

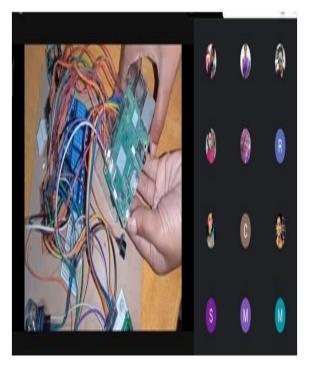


DEPARTMENT OF MCA IN COLLABORATION WITH Niltech Edu Pvt. Ltd, Canada | Prize: Rs.3000/-Educational Consultant Product Development II Prize: Rs.2000/-Research & Development III Prize: Rs.2000/-

Cash Prizes for Winners: III Prize: Rs.1000/-

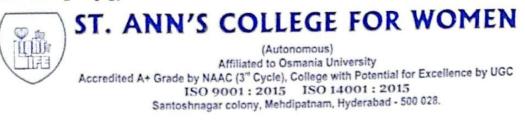
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April 30, 2021 • 11:00 AM
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Registration Link: https://forms.gle/EnrrzgCBdQSYi6b47 Contact: Mrs. P. Madhuri Paul - 9059308401 for queries_ mcadept2019@gmail.com



T. Pushpa datha

meao Department of M.C.A., St. Ann's College for Women (PG Contract) (Autonomous), Mehdipatnam, Hyderabad-28



Applications of Data Science in Excel and R programming

Report

- **Date:** 21st 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 21st dec 2020.

Objective:

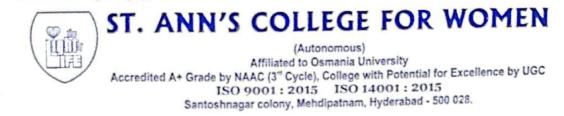
The main objective of this webinar is to make students know the applications of data science in ms excel and r.

Summary:

- The guest lecture was given by dr. M. Raghunandh acharya (b.ed. Pgdc, msc (statistics), mba (marketing), phd (statistics), director, datakaizen on 21st 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:

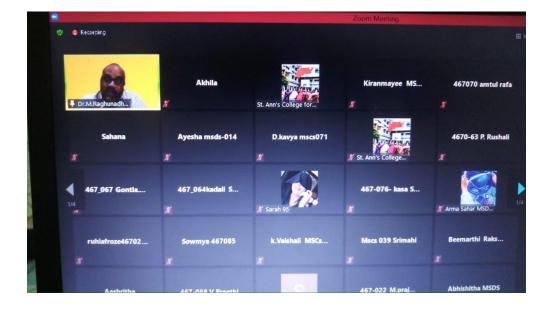
Students will develop relevant programming abilities, demonstrate proficiency with statistical analysis of data, apply data science concepts and methods to solve problems in real-world contexts and will communicate these solutions effectively.



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





ST. ANN'S COLLEGE FOR WOMEN

🤣 🥥 Recording	Zoom Meeting					
	Dr.M.Raghunadh Acharya is talking				III View 🗸	
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