



## **LIST OF EXTENSION ACTIVITIES DURING 2020-2021**

SI.NO	NAME OF THE ACTIVITY	DATE
1	Statdom 2.0- Career in Statistics: Panel Discussion	25-07-2020
2	Statdom 2.0- National Webinar on Data Science and Statistical Programming	01-07-2020
3	Statdom 1.0-National Statistics Day Celebration	29-06-2020
4	Survey on challenges faced by students during lockdown due to Pandemic Covid-19	05-05-2020

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# 1.Statdom 2.0- Career in Statistics: Panel Discussion

Date : 25/06/2020

Platform : Gmeet

Statistics is indispensable in this modern age, aptly termed as “the age of planning”. Statistics has evolved over the years and continues to progress rapidly. The development of computers and the ever increasing amounts of available data have played key roles in driving Statistics forward. Nowadays careers that incorporate Statistics can be found in a wide variety of disciplines such as Agriculture, Business, Industry, Computer Science, Health Science, Insurance, Weather forecast, Psychology, Sociology and Astronomy etc.

The Department of Statistics, Sir Syed College Taliparamba has been organized Session “Statdom3.0” on 'Career in Statistics : A Panel Discussion' for students who have completed Higher Secondary course in Science stream with mathematics.

The Panel Headed by Dr. AP Kuttykrishnan (Director, Samaghra Siksha-Govt. of Kerala) includes Central-State Govt. officials,Career experts, Academicians, Data Scientists, Statistical Programmers and Research scholars.The Session aims to enlighten students on the importance and scope of Statistics. The objective of the program is also to motivate the students to choose Statistics as a career

*Statdom 3.0*  
**Unlocking Success during Lockdown Days**  
**Career in Statistics: Panel Discussion**  
 ( An Orientation for Higher Secondary Students )  
 25 July 2020, Saturday Time 11: 00 AM  
 Department of Statistics  
**SIR SYED COLLEGE**  
 Taliparamba  
(Affiliated to Kerala University, Recognized by NAAC with A Grade)  
 Taliparamba, Kuttanadu, Kerala, India Pin- 686114

The Department of Statistics, Sir Syed College Taliparamba is organizing a Session “Statdom 3.0” on Career guidance for students who have completed Higher Secondary course in Science stream with mathematics. The Session aims to enlighten students on the importance and scope of Statistics. The objective of the program is also to motivate the students to choose Statistics as a career.

**Panelists**

Dr. A P Kuttykrishnan Director, Samaghra Siksha Govt. of Kerala	Dr. Rahul T Assistant Advisor, Internal Debt Management Department, Reserve Bank of India.	Dr. Z.A Ashraf Associate Professor of Statistics Govt. Arts and Science College, Kozhikode	Asjall Jose, ISS Deputy Director, NSRF(OD) RO, Ministry of Statistics and PI	Dr. Sidhu K. Academic Coordinator, CIC-DHANUS Govt. of Kerala
Dr. Mithu Narayanan N Biostatistician IQVIA, Cochin	Asif T Thottathil Research Scholar Bharathiar University, Coimbatore	Dr. Sri Ranganath C G Data Scientist, Caterpillar-Chennai	Dr. Dileepkumar M Assist. Professor of Statistics, NASC Kathangal	Kavitha Neelangul Research Scholar McMaster university, Canada

Streaming on Google Meet Contact: 8891719018



## 2. Statdom 2.0- National Webinar on Data Science and Statistical Programming.

The department of Statistics had conducted a National webinar on Data science and statistical programming. The Statistics Department of Sir Syed College, Taliparamba consistently provides excellent opportunities for their students to gain insight into new things in Mathematical Statistics and Statistical Programming was organised for final year statistics students . The simplest mode of presentation on R Programming by the resource person made the session easier to comprehend and interesting. We have conducted the webinar on three days via Gmeet on 1/07/2020,08/07/2020,,15/07/2020 , Resource persons were “ **Mahesh Divakaran** “(Data Scientist ,Statistical Programmer),”**Renjith Prayankottveetil** “ (Bio statistician and Statistical Programmer)” **Dr.R.Vani Lakshmi** (Dept.of.Data Science ,Assistant Professor,Banglore)Without any hesitation, the students were permitted to ask their queries related to session as well as the field of Statistics. The development of computers and the ever increasing amounts of available data have played key roles in driving Statistics forward. Nowadays careers that incorporate Statistics can be found in a wide variety of disciplines such as Agriculture, Business, Industry, Computer Science, Health Science, Insurance, Weather forecast, Psychology, Sociology and Astronomy etc.

**Department of Statistics**  
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Taliparamba Kannur, Kerala, India Pin- 670142

**Statdom 2.0**

In Connection with National Statistics Day Celebration  
1<sup>st</sup> July 2020, Wednesday Time : 10:00 AM  
Topic : Mystic World of Data Science

RESOURCE PERSON

**MAHESH DIVAKARAN**  
Data Scientist and Statistical Programmer,  
(IBM Certified Data Science Professional)  
Genpro Research, Trivandrum

ALL ARE INVITED

Streaming on zoom

Contact: 8891719018



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## Statdom 2.1

In Connection with National Statistics Day Celebration 2020  
**July 8<sup>th</sup>, Wednesday**  
**Time : 11:30 AM**  
**Topic : The role of statistician in clinical research**

**RESOURCE PERSON**



**Ranjith Prayankotveetil**  
Director, Biostatistics and Statistical  
Programming, PPD, Bangalore

  
Streaming on Google Meet  
**ALL ARE INVITED**  
Contact: 8891719018

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## Statdom 2.2

In Connection with National Statistics Day Celebration 2020  
**July 15<sup>th</sup>, Wednesday**  
**Time : 02:00 PM**  
**Topic : Data Visualization: An Introduction**

**RESOURCE PERSON**

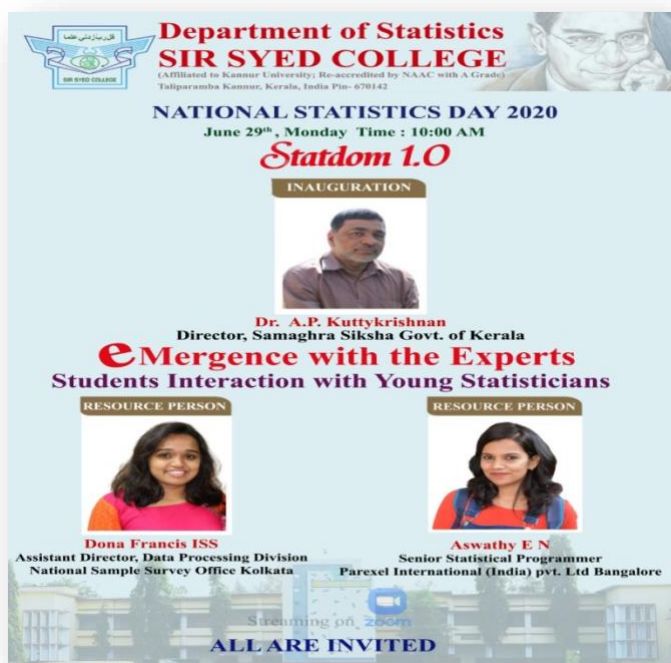


**Dr. Vani Lakshmi R**  
Assistant Professor, Department of Data Science  
Prasanna School of Public Health  
Manipal Academy of Higher Education  
Manipal, Karnataka

  
Streaming on Zoom  
**ALL ARE INVITED**  
Contact: 8891719018

### 3. Statdom 1.0-National Statistics Day Celebration.

The interaction has conducted through google meet on 29th june 2020, 09.45 AM. The program was inaugurated by Former Professor of our department Dr.A.P Kutty Krishnan(Pro Vice chancellor),Our chief guest were **Dona Francis ISS** ,(Assistant Director,Data Processing Division,National Sample Survey Office,Kolkata,).**Ashwathy E N**,(Senior Statistical programmer,Paraxel international (india) pvt. Ltd,Bangalore . ).They interacted with our students.The program was such a fruitful and helpful for the students.The link for the meet was provided through whatsapp group.





## **4. Survey on challenges faced by students during lockdown due to Pandemic Covid-19**

### **A study on challenge faced by students during lockdown due to pandemic covid-19**

We all have been affected by the Covid-19 pandemic. The Corona virus disease is originated in the city of Wuhan, China and quickly spread to the various countries with many cases having been reported world wide. Multiple strategies are needed to handle the outbreak.

The ministry of Health and family welfare of India has raised awareness about the recent outbreak and has taken the necessary action to control the spread of Covid19. The central and state Governments have formulated several measures and wartime protocols to achieve this goal containing the virus. Moreover, the Government of India declared a countrywide lockdown from 25 March 2020 to reduce the transmission of the virus.

As the sticky wicket of spread of corona virus impeded life across the world people were forced to stay at home. Online Classes were introduced for students during the lockdown. It was a new experience for Students, but they had to face many hardships including internet connectivity and academic issues.

We conducted this survey during the first stage of this pandemic across ug,pg and research students in kerala. At that time online class was the first experience for students and it was not conducted properly. Also they are worried about their upcoming exams and higher education. So we conducted an online survey for analyzing the difficulties that caused to students during lockdown due to the pandemic covid-19.

#### **Aim**

Study the challenges faced by students during lockdown due to Covid-19.

#### **Objectives**

The following points are mainly addressed in this study:

- To examine online classes are enough for completion of syllabus.
  - To examine if studies are stressful.
  - To examine online classes are effective than traditional classroom.
  - To examine distraction from other social media during online classes.
  - To examine covid-19 will restrict the possibilities of higher education.
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- To examine unemployment affected the families during covid-19 periods.
- To examine the association between amounts spent for internet connectivity and annual income.
- To examine association between gender and the amount spent on internet connectivity
- To examine the association between gender and physical or mental stress cost.
- To examine the association between provided study material and type of institution.
- To examine the association between distracted to other social media and disruption of your studies make you stressed.
- To examine the association between facing any health issues while spending excessive amount of time on online classes and disruption of your studies make you stressed.
- To examine the association between the completion of course and educational institute.
- To examine the association between the restrictions of the possibility of higher education pursuits in institution outside and stress due to disruption of studies.
  
- To examine the association between the courses or special training related to digital learning and stress due to disruption of studies.

## **Conclusion**

- In our study area majority of them were females (80.1%)
  - From the study it was found online classes are not enough for course completion.
  - It was found that online classes are effective for only 5.7% students.
  - In the study area social medias are distracting 75.79% students.
  - Majority of students were stressed with studies.
  - In our study area average age of students is 20.
  - From the study amount spent on internet connection and annual income are dependent.
  - In our study area gender physical and mental stress cost are independent.
  - From the study gender and amount spent on internet connectivity are independent.
  - It was found that completion of course and type of educational institutions are dependent.
  - In our study we found that distraction of social media and stress are dependent.
  - It was found that study material provided and educational institute are independent.
  - From the study it was found that restriction of higher education due to covid and disruption of studies are independent.
  - We also found the independency between special courses and disruption of studies.
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**SURVEY ON CHALLENGES FACED BY  
STUDENTS DURING LOCKDOWN DUE TO  
PANDEMIC COVID-19**

Dear Friends,

As the sticky wicket of spread of Corona virus impeded life in the world everyone is forced to stay at home, we, the students are facing many hardships including academic issues. The Department of Statistics at Sir Syed college, Taliparamba is conducting a survey to Study and analyse the effects of lockdown on college/university students and find ways to overcome these problems. We kindly request you to fill this form



**Department of Statistics  
Sir Syed College, Taliparamba**  
[www.sirsyedcollege.ac.in](http://www.sirsyedcollege.ac.in)

All information provided herein will be treated strictly as confidential and purely for academic purposes





## **LIST OF EXTENSION ACTIVITIES DURING 2018-2020**

<b>Sl.NO</b>	<b>Name of the program</b>	<b>Date</b>
<b>1</b>	<b>SURVEY OF SURVIVAL PERCENTAGE OF SEEDLINGS UNDER HARITHA KERALAM</b>	<b>2017</b>
<b>2</b>	<b>A TALK ON STATISTICAL CONSIDERATION IN CLINICAL TRAILS</b>	<b>16-06-2017</b>
<b>3</b>	<b>STATISTICS ASSOCIATION INAUGURATION 2K17</b>	<b>12-01-2018</b>
<b>4</b>	<b>A TALK ON STATISTICAL THINKING</b>	<b>07-02-2018</b>
<b>5</b>	<b>STATISTICS ASSOCIATION INAUGURATION 2019-2020</b>	<b>20-11-2019</b>
<b>6</b>	<b>An Awareness on Data Science</b>	<b>27-01-2020</b>

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## **1. 1.A Survey for the assessment of the survival percentage of seedlings distributed under Haritha Keralam 2017 by the Social Forestry Division Kannur.**

Under the Haritha Keralam 2017 Scheme the Social Forestry Wing of Kerala Forest & Wildlife Department distributed seedlings to students, Local Self Govt Institutions, NGO's Political parties Clubs etc... in the Kannur range. As per the request of the social Forestry Division Kannur, monitoring and evaluation of the distributed seedlings was under taken by the Department of Statistics Sir Syed College Taliparamba.

**Details of the Seedling distributed from various nurseries are listed below**

Sl No.	Name of the Nursery	No. of Seedlings Distributed
1	Kayaralam	20440
2	Kandoth	37625
3	Cheruvanchery/Payyanur /PeruvaI/PeruvaII	91500
	<b>Total</b>	<b>149565</b>

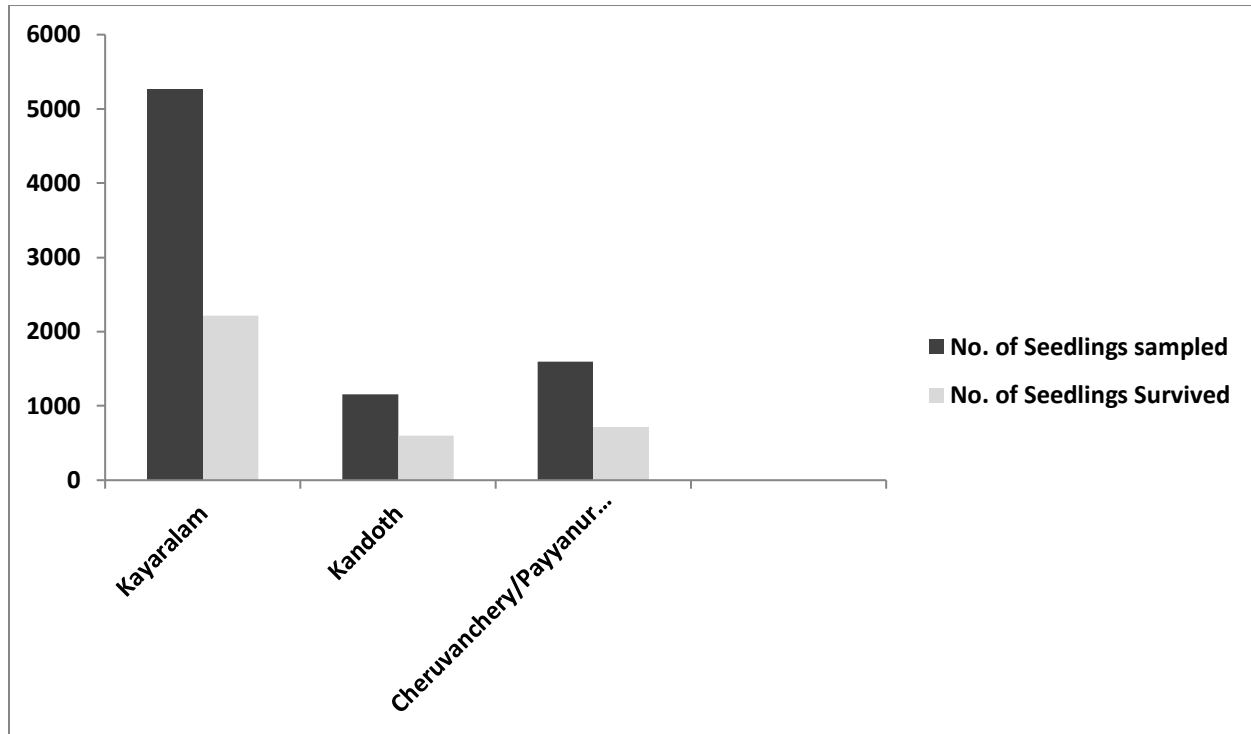
During the Discussion with Social Forestry officials it was agreed to survey 5% of the total seedlings distributed to assess the survival percentage.

We have adopted a cluster sampling plan. The clusters were selected from various nurseries proportional to number of seedlings produced by the nurseries. The enumerators visited each centers and categorized the seedlings as living and dead.

### **Results:**

Sl No.	Name of the Nursery	No. of Seedlings sampled	No. of Seedlings Survived	Survival Percentage
1	Kayaralam	5265	2215	42.07
2	Kandoth	1152	600	52.08
3	Cheruvanchery/Payyanur/Peruva/Peruval	1600	717	44.81
	<b>Total</b>	<b>8017</b>	<b>3532</b>	<b>44.05</b>

**Survival Percentage = 44.05%**



### Conclusion:

The survival percentage is 44.05% .

## 2. A TALK ON STATISTICAL CONSIDERATION IN CLINICAL TRIALS.

The programme was commenced by the welcome speech of the Head of the Department of Statistics, Ms.Anitha.B. The inaugural ceremony was accomplished by Dr.Thamban (food and drug administration ,MaryInd,USA).Substantial Felicitation talks were given Dr.Nafeesa Baby(Coordinator, IQAC), , Mr.Sirajudheen M.P (Asst. Prof. &Head of Dept. of Mathematics). During the Inaugural speech, He talked about the opportunities and scope for the students studying in the field of Clinical Trials.. He himself being a mentor and guide briefed the advantages of being admitted in reputed Universities. The programme was executed successfully under the guidance of Dr.Thamban.



### 3. A TALK ON STATISTICAL THINKING

Date : 07-02-2018

Venue : Seminar Hall

The Department of Statistics conducted a orientation programs to the fresher students.The program was started at 10;00 am with the welcome speech of Head of the department Anitha .B and inaugurated by Dr.Azeez (Principal),Dr.Sreeja(PTA secretary ),Mr.Salih(Asst.professor of Commerce),.Ms.mashuda Kauser who were felicitated the program. **Ms..Maya Patnamanabhan** were be the chief guest of this programme The program was ended with the thanking speech of Ms.Munna Krishna ( BSc final year student )



A talk on "Statistical Thinking"  
Resource Person: Mrs. Maya Padmanabhan

## STATISTICS ASSOCIATION INAUGURATION 2019- 2020

**Date :20-11-2019**

**Venue:Seminar hall**

This inaugural session was held at seminar hall on 11th November 2019. The inaugural ceremony commenced with a warm welcome by Ms. Anitha B (Head of Statistics Department). The Welcome Speech was followed by a Presidential Address which was delivered by **Dr. Azeez** (The Principal of Sir Syed College). **Dr. Joby. K. Jose**, who is a Professor (Dept. of Statistical Science, Kannur University) and is also a data analyst and a software trainer, was invited as Chief Guest for this auspicious occasion. The Chief Guest inaugurated the session. The inaugural address was followed by felicitation which was delivered by Ms. Mashuda Kauser (Associate Professor of Statistics), Mr. Mansoor. N. K. (Asst. Professor of Statistics). The inaugural session was concluded with the vote of thanks by Mr. Mohammed Shifas K (Secretary, Statistics Association).





**DEPARTMENT OF STATISTICS**  
**SIR SYED COLLEGE TALIPARAMBA**

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