



**VIKRAMA SIMHAPURI UNIVERSITY**  
**NELLORE -524 320. AP INDIA**

---

Date: 00.09.2020

**CIRCULAR**

Dear all,  
Faculty Members/Research Scholars/Students

Warm Greetings,

We are glad to announce that Department of Statistics, Vikrama Simhapuri University, Nellore, Andhra Pradesh is Organizing a National Webinar on the topic " Introduction to R Programming" (NWRP – 2020) in connection with the Birth Centenary of Prof.C.R.Rao (Living Legend).

Online Registration Link : <https://forms.gle/36WxvZ3mbxUJPKQV7>

Whatsapp Link : <https://chat.whatsapp.com/Fq3t3UPFVhE7uNUkXwzflA>

Date : 10th September,2020

**Resource Persons :**

1. Dr.R.Vishnu Vardhan  
Assistant Professor  
Department of Statistics  
Pondicherry Central University  
Puducherry
2. Dr.Shaik Nafeez Umar  
Assistant Professor  
Department of Statistics  
ANGRAU , Tirupati.

*P. Thairveni*  
HEAD  
Department of Statistics  
VIKRAMA SIMHAPURI UNIVERSITY  
KAKUTURU-524 324.  
SPS Nellore Dist. (A.P.)

*[Signature]*  
Principal,  
Vikrama Simhapuri University College  
Kakuturu - 524 320,  
SPS Nellore District, A.P.

**Topics to be covered :**

- 1) Introduction to R Programming and its basics
- 2) Vector and Matrix Operations
- 3) Data Visualization
- 4) Descriptive Statistics
- 5) Hypothesis Testing (One Sample and Two Sample)
- 6) Paired t test
- 7) Wilcoxon U test
- 8) Correlation
- 9) Simple Linear Regression
- 10) Multiple Linear Regression

Please find the enclosed Flyer.

Your active participation will be highly appreciated.

Thank you and we look forward to your participation.

**Webinar Platform : ZOOM Application & YouTube Live**

**E-Certificate will be provided after filling the feedback form**

I am requesting each & every one join the webinar and make it a grand success.

Please share this link to all known faculties, Research Scholars, whatsapp groups

**For Contact:**

**Joint Organizing Secretaries**

1. Dr.R.V.S.S.Nagabhushana Rao - 9700017463  
Department of Statistics  
Vikrama Simhapuri University College, Nellore , Andhra Pradesh  
E-mail : [drsankaramt@gmail.com](mailto:drsankaramt@gmail.com)
2. Dr.CH.Prasuna – 9441568441  
Department of Statistics  
Vikrama Simhapuri University College, Nellore , Andhra Pradesh  
E-mail : [prasuna1214@gmail.com](mailto:prasuna1214@gmail.com)

*P. Thivener*  
**HEAD**  
Department of Statistics  
VIKRAMA SIMHAPURI UNIVERSITY  
KAKUTURU-524 324.  
SPS Nellore Dist. (A.P.)

*[Signature]*  
Principal  
Vikrama Simhapuri University College  
Kakuturu - 524 320.  
SPS Nellore District, A.P.



Centenary Birthday Celebrations of  
**PROF.C.R.RAO ( LIVING LEGEND )**



**National Webinar  
on**

**“ Introduction to R Programming ”**

on 10th September 2020 | Time : 09:00 a.m to 01:00 noon

Organized by : Department of Statistics



**Prof. M. Chandraiah**  
Rector



**Prof. R. Sudarsana Rao**  
Vice-Chancellor



**Dr.L.V.Krishna Reddy**  
Registrar



**Prof. Suja. S. Nair**  
Principal (I/c)  
VSU College



**Dr.R.Vishnu Vardhan**  
Central University, Pondicherry  
RESOURCE PERSON



**Dr. Shaik Nafeez Umar**  
ANGRAU, Tirupatt  
RESOURCE PERSON



**Dr.P.Thriveni**  
Head I/c, Dept.of Statistics  
ORGANIZING SECRETARY



**Dr.M.Ussenaiah**  
Co-Ordinator, CIARS

**Participants Registration : FREE**

Registration Link :

Contact mail id : [stat@simhapuriuniv.ac.in](mailto:stat@simhapuriuniv.ac.in)

*“The business of the statistician is to  
catalyze the scientific learning process”*

*Joint Organizing Secretaries*

**Dr.R.V.S.S.Nagabhushana Rao**

**Dr.CH.Prasuna**

Department of Statistics

VSU , Nellore



Vote of Thanks - vrsstanguru@... | Post Attendee - Zoom | Download R-4.0.2 for Windows

cran.r-project.org/bin/windows/base/

## R-4.0.2 for Windows (32/64 bit)

[Download R 4.0.2 for Windows](#) (84 megabytes, 32/64 bit)

[Installation and other instructions](#)  
[New features in this version](#)

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the [md5sum](#) of the .exe to the [fingerprint](#) on the master server. You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.

### Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

### Other builds

- Patches to this release are incorporated in the [1-patched snapshot build](#).
- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is [<CRAN\\_MIRROR>bin/windows/base/release.html](#).

Last change: 2020-06-22

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function | Addins

Disc Stat and Data Visualization R

```

93 with(lbd, hist(lwt))
94
95 ##adjusting the y axis and displaying the data p
96 vv=hist(lwt,col="yellow",ylim=c(0,80),xlab = "Mo
97 |ext(vv$midpoints,vv$counts,labels=vv$counts, adj=c(0
98
99 par(mfrow=c(1,2))
100 with(lwt, hist(lwt, breaks="FD", col="green"))
101
97:1 (Top Level)

```

Environment | History | Connections

Global Environment | List of 6

Files | Plots | Packages | Help | Viewer

Zoom | Export

### Histogram of Variable Mother Weight

Frequency

Mother Weight

```

> #Basic histogram plot
> hist(lwt)
> #adding labels
> hist(lwt,xlab = "Mother Weight", main="Histogram of
Variable Mother Weight")
> #adding colour
> hist(lwt,col="steel blue",xlab = "Mother weight", ma
in="Histogram of Variable Mother Weight")
> #another way to plot histogram
> with(lbd, hist(lwt))
> ##adjusting the y axis and displaying the data point
>
> save=hist(lwt,col="yellow",ylim=c(0,80),xlab = "Mother
Weight", main="Histogram of Variable Mother Weight")
>

```

**Name of the Programme - Introduction to R Programming:**

**One Day National webinar , Ogranized by Department of Statistics ,VSU, Nellore**

**( 100<sup>th</sup> Birth Anniversary of Prof.C.R.Rao – LIVING LEGEND)**

**Date: 10.09.2020**

**REPORT**

Department of Statistics ,Vikrama Simhapuri University ,Nellore has organized a One Day National Webinar on Introduction to R Programming. The Hon'ble Vice Chancellor Prof R.Sudarsana Rao has inaugurated the programme and urged the Participants to keenly follow the webinar and interact with Resource Persons for getting equipped with **skills in R Programming**. He also told to take Prof C.R.Rao as Role Model , get inspiration and visit his museum in Central University , Hyderabad. The Resource Persons of this Webinar are Dr.R.Vishnu Vardhan from Pondicherry Central University and Dr.Sk.Nafeez Umar from Acharya N.G.Ranga Agricultural University.

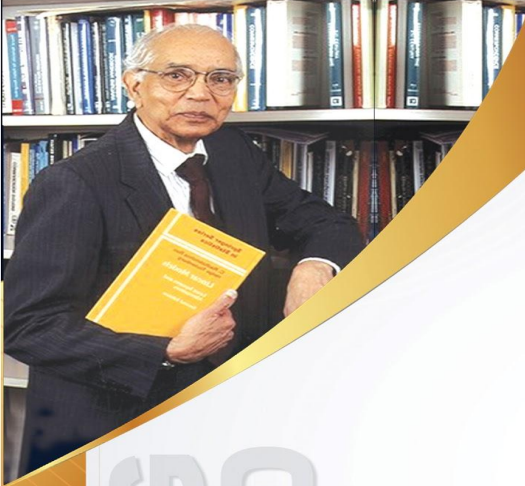
Dr.R.Vishnu Vardhan,Assistant Professor,Department of Statistics,Pondicherry Central University has given the opening talk on the basics of R Programming, Vector and Matrix Operations and Data Visualization . He focused on the **basic structure of R Programming including packages**. He explains how to perform basic commands in the R programming language, how to handle add on packages, how to use the R help tools.

Dr.Shaik Nafeez Umar , Assistant Professor, Department of Statistics, ANGRAU ,Tirupati has explained the concepts through examples . He shows how to **solve the real life problems using R software**.

The Principals of VSU affiliated colleges, Faculties of VSU and VSU affiliated colleges, Research Scholars, Students and the participants from the National and International attended the programme. Rector Prof.M.Chandraiah, Registrar Dr L Vijaya Krishna Reddy, Principal Prof. Suja S Nair ,Organizing Secretary of the programme Dr P.Thriveni and Joint Organizing Secretaries Dr.R.V.S.S.Nagabhushana Rao and Dr.CH.Prasuna has attended the National Webinar.

*P. Thriveni*  
HEAD  
Department of Statistics  
VIKRAMA SIMHAPURI UNIVERSITY  
KAKUTURU-524 324.  
SPS Nellore Dist. (A.P)

*[Signature]*  
Principal  
Vikrama Simhapuri University College  
Kakuturu - 524 320.  
SPS Nellore District, A.P



# VIKRAMA SIMHAPURI UNIVERSITY NELLORE



## One Day National Webinar on Introduction to R Programming

**CENTENARY BIRTHDAY CELEBRATIONS OF LIVING LEGEND PROF. C.R. RAO**

Organized by  
**Department of Statistics, Vikrama Simhapuri University College, Nellore**  
On 10<sup>th</sup> September, 2020

### Certificate of Participation

డా.భారతి మీసాల

*This is to certify that Prof./Dr./Mr./Ms. .... of*  
**ఉపాధ్యాయురాలు, జిల్లాపరిషత్ ఉన్నత పాఠశాల**  
*has participated in One Day National Webinar on INTRODUCTION TO R PROGRAMMING*  
*Centenary Birthday Celebrations of LIVING LEGEND PROF. C.R. RAO organised by Department of*  
*Statistics, Vikrama Simhapuri University, Nellore on 10-09-2020.*

*P. Thriveni*

**Dr. P. Thriveni**  
Organizing Secretary  
Dept. of Statistics, VSU

*Dr. L.V. Krishna Reddy*

**Dr. L.V. Krishna Reddy**  
Registrar  
V.S. University, Nellore

*Prof. M. Chandraiah*

**Prof. M. Chandraiah**  
Rector  
V.S. University, Nellore

LIVING  
LEGEND

## వీఎస్యూలో వెబినార్

వెంకటాచలం: విక్రమ సింహపురి యూనివర్సిటీ (వీఎస్యూ) స్టాటిస్టిక్స్ విభాగం ఆర్ ప్రోగ్రామింగ్ పరిచయం అనే అంశంపై వెబినార్ను గురువారం నిర్వహించారు. కార్యక్రమాన్ని ప్రారంభించిన అనంతరం వీఎస్యూ వైస్ చాన్సలర్ సుదర్శన్ రావు మాట్లాడారు. వెబినార్ను ఆసక్తిగా అనుసరించాలని, ఆర్ ప్రోగ్రామింగ్లో నైపుణ్యాలను సాధించేందుకు రిసోర్స్ పర్సన్లతో సంభాషించాలని కోరారు. అనంతరం పాండిచేరి సెంట్రల్ యూనివర్సిటీ స్టాటిస్టిక్స్ విభాగ అసిస్టెంట్ ప్రొఫెసర్ విష్ణువర్ధన్ ఆర్ ప్రోగ్రామింగ్, వెక్టర్ ఆండ్ మ్యాట్రిక్స్ ఆపరేషన్స్, డేటా విజ్యువలైజేషన్ ప్రాథమిక అంశాలను తెలియజేశారు. తిరుపతిలోని ఆచార్య ఎన్టీ రంగా వ్యవసాయ యూనివర్సిటీ స్టాటిస్టిక్స్ విభాగ అసిస్టెంట్ ప్రొఫెసర్ డాక్టర్ నఫీజ్ ఉమర్ ఆర్ ప్రోగ్రామింగ్కు సంబంధించిన అంశాలను ఉదాహరణల ద్వారా వివరించారు. వీఎస్యూ రెక్టర్ చంద్రయ్య, రిజిస్ట్రార్ డాక్టర్ విజయకృష్ణారెడ్డి, యూనివర్సిటీ కళాశాల ప్రిన్సిపల్ సుజానాయర్, కార్యక్రమ నిర్వాహకులు త్రివేణి, నాగభూషణరావు, ప్రసూన, తదితరులు పాల్గొన్నారు.



**VIKRAMA SIMHAPURI UNIVERSITY , NELLORE**  
**NATIONAL WEBINAR ON R PROGRAMMING**  
**DEPARTMENT OF STATISTICS**

**List of Participants**

S.No	Register Number	Student Name
1	190415001001	Gangodi Haritha
2	190415001002	Gummidi Nikhila
3	190415001003	Gunuguru Haritha
4	190415001004	Kadiri Madhusurya
5	190415001005	Kanchi Mohana Priya
6	190415001006	Koppala Ankamma
7	190415001007	Pandi Prasanthi
8	190415001008	Podalakuru Prameeia
9	190415001009	Syed Fareeda
10	190415001010	Shaik Munwar Ahamad
11	190415001011	Shaik Mymunni
12	190415001012	Shaik Shaanu
13	190415001013	Thulluru Sireesha
14	190415001014	Udayakumar Neeraja
15	190415001015	Kovuru Preethi
16	190405001001	Gundlapallem Ramu
17	190405001002	Gade Bhanuprakash
18	190405001003	Krishnareddy Vanyasree
19	190405001004	Uppala Kalpana
20	190405001005	Devandla Janardhan
21	190405001006	Tanniru Kalyan
22	190405001007	Butti Pravalika
23	190405001008	Gajella China Vengaiah
24	190405001009	Ch Girichengal
25	190405001010	Thangala Sindhu
26	190405001011	Mangalapuri Ravikumar
27	190405001012	Miriyala Swetha
28	190405001013	Kanu Anitha
29	190405001014	Ragi Vijaya
30	190405001015	Munagapati Karishma
31	190405001016	Gujjala Hazarathaiah
32	190405001017	Kupatchi Swathi
33	190100001001	Muthukuru Madhusudhan
34	190100001003	Bathala Madhu
35	190100001004	Peetla Sreeramulu
36	190100001006	Swamydasu Kalyan
37	190100001011	Shaik Hidayathulla
38	190100001012	Rudrapati Prema Kumar
39	190100001015	Velagacharla Babu Rao

Principal

Vikrama Simhapuri University College  
Kakuturu - 524 320.  
SPS Nellore District, A.P.

M. K. S.



40	190100001017	Suluru Maheswari
41	190100001019	Kukkala Sumanth
42	190100001020	Karumanchi Kiran Kanth
43	190200001002	Bandi Upendra
44	190200001004	Gundala Vijay Simha Reddy
45	190302001004	Pulle Kalyan
46	190302001011	Kannambakam Rajesh
47	190302001006	B Madhurima
48	190302001008	Shaik Imam Basha

  
**REGISTRAR**  
**VIKRAMA SIMHAPURI UNIVERSITY**  
**NELLORE - 524 324.**

  
**Principal**  
**Vikrama Simhapuri University College**  
**Kakuturu - 524 320.**  
**SPS Nellore District. A.P.**