



Workshop on

Research Methodology: Focus on Statistical Data Analytics



Date : 29.08.2022 to 02.09.2022

Organized by

Venue: New Conference Hall, IGIPSS

Time: 2:00 pm to 5:00 pm

<https://www.facebook.com/IGIPSS87>

<https://twitter.com/IGIPSS1>

Website: www.igipss.du.ac.in

<https://www.youtube.com/channel/UCjioRCswFiwC9GkEta5k5Xg>



INTERNAL QUALITY ASSURANCE CELL (IQAC), IGIPSS,DU

Resource Person:-



Ms. Namita
Ex. Sr. System Programmer DUCC



Mr. Surender Jaglan
Chairman, GB



Mr. Surender Kumar
Treasurer, GB



Prof. Sandeep Tiwari
Principal (Offg.)



Prof. Sandhya Tiwari
Member, IQAC



Prof. Lalit Sharma
Member, IQAC



Prof. Rajbir Singh
Member, IQAC



Dr. Meenakshi
Member, IQAC & Convener



Prof. Samiran Chakraborty
Coordinator, IQAC



INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION &
SPORTS SCIENCES
(University of Delhi)
B-Block, Vikaspuri, New Delhi-110018.



Ref.IPE/2022/IQAC/024

Dated: 24/08/2022

NOTICE

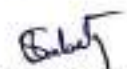
All the Students of M.P.Ed. Sem – III and Interested B.Sc (PE, HE & S), Sem - V students are hereby informed that a Workshop titled as "Research Methodology: Focus on Statistical Data Analytics" will be organized by the IQAC, IGIPSS from 29 August, 2022 to 02 September, 2022 from 2:00 p.m. to 5:00 p.m. The venue of the workshop is - Computer Center of the Institute.

For Master Students it is compulsory to attend the said programme. You are also requested to bring your personal laptop for practical classes.

Sd/
Prof. Samiran Chakraborty
Coordinator, IQAC

Copy to:

1. Prof. Samiran Chakraborty, Coordinator, IQAC.
2. Dr. Meenakshi, Member, IQAC & Convener, Workshop
3. Section Officer (Admin.)
4. Circulation among B.Sc (PE, HE & S) V and MPEd III Students
5. Sr. P.A.to Principal Office.
6. Office Copy.


Prof. Samiran Chakraborty
Coordinator, IQAC

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INTERNAL QUALITY ASSURANCE CILL (IQAC), IGIPESS,DU

Resource Person:-

| | | | |
|---|--|---|---|
|  Ms. Namita Ex. Sr. System Programmer DUCC |  Mr. Surender Jaglan Chairman, GB |  Mr. Surender Kumar Treasurer, GB |  Prof. Sandeep Tiwari Principal (Offg.) |
|  Prof. Sandhya Tiwari Member, IQAC |  Prof. Lalit Sharma Member, IQAC |  Prof. Rajbir Singh Member, IQAC |  Dr. Meenakshi Member, IQAC & Convener |
| | | |  Prof. Samiran Chakraborty Coordinator, IQAC |

Five- days' workshop

On

Research Methodology: Focus on Statistical Data Analytics

(29th August 2022 to 2nd September 2022

REPORT

The Five Days Workshop on “**Research Methodology: Focus on Statistical Data Analytics, Level -1 for Beginners**” organised by the IQAC of the Institute, was inaugurated on 29th Aug 2022 in the Computer Lab of the Institute on the occasion of National Sports Day.

Ms Namita, Senior System Programmer (Retd.), Computer Centre of Delhi University was invited as the Resource Person for the Workshop.

Dr Meenakshi, Convener of the workshop welcomed the guests and gave a brief introduction about the five days' workshop.

The inaugural session was presided over by **Prof. Sandeep Tiwari** (Officiating Principal), **Prof. Samiran Chakraborty**, Coordinator, IQAC, IGIPESS and other faculty members of the Institute.



The workshop has the objective of **imparting the basic knowledge pertaining to the research and statistics** for the Master Degree Students and the Undergraduate Students (BSc (PE, HE&S) and its application in sports & physical education.



The workshop dealt with the **Introduction to Statistics and Importance of Statistical Data Analysis in Research, Basics to SPSS, Data Preparation through SPSS, Running Descriptive Statistics in SPSS, Dealing with Non-Normality and Unequal Variance, Data Transformation and Recording, Bi-Variate data Analysis Methods in SPSS** followed by **Practice Session every day**. Assignments to the participants and hands on experience were provided in the workshop.



Day 2

On the second day of the workshop, the following topics were covered:
Basics to SPSS, Data Analysis Software and Data Preparation through SPSS



Summarization of Concept of Data, Basics to SPSS by Mr. Nishant of M.P.Ed Sem-III



Day 3

On the 3rd day of the workshop, the resource person focused on **Creating SPSS Data set with Proper Definition and Parameter** defining of each variable, Computation of Descriptive Analysis, and Saving Descriptive Results in Word File along with Command, and Execution of the Split Files. The session also included the student teacher interaction.



Summarization by Mr. Kapil M.P.Ed Sem-III



Day 4

On the fourth day of workshop the resource person stressed on how to execute command for Statistical Analysis and Graph on Syntax File, Data Transformation and Recoding.



Feedback being obtained by Prof. Sandeep Tiwari, Principal (Offg.) from the participants about the Workshop



Day 5

On the fifth day of workshop the resource person stressed on how to execute command for statistical analysis and graph on syntax file, data transformation and recoding.



The session was considered fruitful by the participants. The resource person answered the queries of the participants. The session was continued from 2:00 pm to 4:30 pm in the computer lab. The feedback about the session was taken by the participants at the end of the session. After that closing ceremony was organised at 5:00 pm in the new conference room.

CLOSING CEREMONY
Five Days Workshop on
Research Methodology: Focus on Statistical Data Analytics
(SPSS - Software - 29.08.2022 to 02.09.2022) organized by IQAC, IGIPSS, DU
Date: 02.09.2022 Venue: New Conference Room Time: 4.00 PM

Resource Person: Ms. Namita, Ex. Sr. System Programmer DUCC

Chief Guest: Mr. Surender Jaglan, Chairman, GB

Guest of Honour: Mr. Surender Kumar, Treasurer, GB

Chairperson, IQAC: Prof. Sandeep Tiwari, Principal (Offg.)

Other Members: Prof. Sandhya Tiwari, Member, IQAC; Prof. Lalit Sharma, Member, IQAC; Prof. Rajbir Singh, Member, IQAC; Dr. Meenakshi, Member, IQAC & Convener; Prof. Samiran Chakraborty, Coordinator, IQAC

The convenor of the workshop welcomed all the gathering. She extended heartfelt thanks all the audience who was gathered on the closing ceremony of the 5th day workshop, organised by IQAC of the institute.

The convenor of the workshop on the behalf of the institute, IQAC, teaching and non-teaching staff and the students welcomed honourable chairman GB, Shri Surender Jaglan Ji who was the chief guest on that day and Shri Surender Hooda, Treasurer, GB, guest of honour.



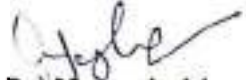
The resource person of the workshop Ms Namita who rendered her valuable lecture and guided the participants during the 5 day workshop was also welcomed by the Professor Sandhya Tiwari in the closing ceremony. The session was addressed by the principal Prof Sandeep Tiwari. He described the importance of this workshop in research work in physical education for future.



The chairman of the institute was also invited to address the participants. The softcopy of certificates were given to the participants on the one click of “ok” by the chairman.

The session concluded with vote of thanks to the chief guest, guest of honour, Resource Person and supporting teaching and non-teaching staff by the Dr. Meenakshi, Assistant Professor.




Dr. Meenakshi
Member, (IQAC) &
Convener, Workshop

29th August
Attendance:-

6th Workshop on:
Research Methodology: focus on
Statistical Data Analytics:-

Resource Person
Mrs. Namita
Ex-Sr. System Programmer, DVCC

| S.No | Name of Students (in Capital) | Class | Roll.No | Email ID | 29/8/2022 | 30/8/2022 | 31/8/2022 | 01/09 | 02/09 |
|------|-------------------------------|------------------------------|---------|--------------------------------|-----------------|-----------|-----------|-------|-------|
| 1 | ANKAMSHA SUYAL | MPED III rd sem | 01/21 | goldysuyal12@gmail.com | <u>Suyal</u> | X | X | X | |
| | Ajaya Kumar | MPED III rd sem | 02/21 | ajayajay@gmail.com | <u>Ajaya</u> | X | X | X | |
| ① | Ajay Kumar | MPED III rd sem | 03/21 | ajayajay1997@gmail.com | <u>Ajay</u> | X | X | X | |
| | | | 04/21 | | | | | | |
| | | | 05/21 | | | | | | |
| ② | ANIT | MPED III rd sem | 06/21 | anitrai200199@gmail.com | <u>Anit</u> | X | X | X | |
| ③ | Ayush Kumar | MPED III rd sem | 07/21 | Ayush.Goss1@gmail.com | <u>Ayush</u> | X | X | X | |
| | Babli | MPED III rd sem | 08/21 | babliarai026@gmail.com | <u>Babli</u> | X | X | X | |
| | | | 09/21 | | | | | | |
| ④ | Deekajit | M.P.Ed III rd sem | 010/21 | randey.deekajit@gmail.com | <u>Deekajit</u> | X | X | X | |
| ⑤ | DEVENDER | MPED III rd sem | 011/21 | dkdevender34@gmail.com | <u>Devender</u> | X | X | X | |
| | DIVYA DHOONDYAL | MPED III rd sem | 12/21 | Divya.Dhoondiyal1999@gmail.com | <u>Divya</u> | X | X | X | |
| | Gaurav Sharma | M.P.Ed III rd sem | 13/21 | Gauravgspe@gmail.com | <u>Gaurav</u> | X | X | X | |
| ⑥ | HARISH | MPED III rd sem | 14/21 | hkar0193@gmail.com | <u>Harish</u> | X | X | X | |
| | | | 15/21 | | | | | | |
| | | | 16/21 | | | | | | |
| ⑦ | Kajal Tyagi | MPED III rd sem | 17/21 | KajalTyagi25@gmail.com | <u>Kajal</u> | X | X | X | |
| ⑧ | Kapil | MPED III rd sem | 18/21 | Kapilsharma155@gmail.com | <u>Kapil</u> | X | X | X | |
| | | | 19/21 | | | | | | |
| ⑨ | Komal | MPED III rd | 20/21 | 100.komal121@gmail.com | <u>Komal</u> | X | X | X | |
| | | | 21/21 | | | | | | |
| ⑩ | MONIKA JANGIR | MPED III rd | 22/21 | monikajangir1110@gmail.com | <u>Monika</u> | X | X | X | |
| | | | 23/21 | | | | | | |

| Sl No | Name of Students (in Capital) | Class | Roll No | Email-ID | 24/08/22 | 30/08/22 | 31/08/22 | 01/09/22 | 02/09 |
|-------|---------------------------------|--------------|---------|-----------------------------|----------|----------|----------|----------|---------|
| | | | | | | | | | |
| 11 | NIKITA | MPEd - III | 24/21 | nickyphalwal@gmail.com | nike | nikita | nikita | nikita | nikita |
| | NISHA | MPEd - III | 25/21 | nishapayal44@gmail.com | nisha | x | x | x | |
| 12 | NISHANT KATHOUR | MPEd - II | 26/21 | nishant35@gmail.com | Nishant | Nishant | Nishant | nishant | Nishant |
| | Nitin Nilesh Kisku | MPEd III com | 27/21 | nitinkisku191@gmail.com | Nitin | Nitin | x | Nitin | Nitin |
| 13 | KATHAM SIVAN | MPEd - III | 29/21 | kathamsinghkapya@gmail.com | Kath | Kath | Kath | Kath | Kath |
| 14 | Pravesh Munda | MPEd - III | 30/21 | Praveshmunda964@gmail.com | Pravesh | Pravesh | Pravesh | Pravesh | Pravesh |
| | | | 31/21 | | | | | | |
| | | | 32/21 | | | | | | |
| | | | 33/21 | | | | | | |
| | Rishabh Chandra | MPEd III | 34/21 | rishabhchandra092@gmail.com | Rishabh | Rishabh | x | x | |
| | | | 35/21 | | | | | | |
| | | | 36/21 | | | | | | |
| | | | 37/21 | | | | | | |
| | | | 38/21 | | | | | | |
| | | | 39/21 | | | | | | |
| | Sakshi Kojle | MPEd - II | 40/21 | Kojlasakshi524@gmail.com | Sakshi | Sakshi | x | Sakshi | Sakshi |
| | | | 41/21 | | | | | | |
| 45 | SAVITA | MPEd - II | 42/21 | Savisharma@gmail.com | | Savita | Savita | Savita | |
| 46 | SHIKHA SINDHU | M.P.Ed II | 43/21 | shikhasindhu123@gmail.com | shikha | shikha | shikha | x | |
| | SHASHANK | M.P.Ed - II | 44/21 | shashank679@gmail.com | shashank | shashank | x | x | |
| | | | 45/21 | | | | | | |
| 15 | Shriya Kandpal | MPEd III | 46/21 | Shriyakandpal1@gmail.com | Shriya | Shriya | Shriya | Shriya | Shriya |
| | Siddhant Bheeda | MPEd - II | 47/21 | | Siddhant | x | x | x | |
| 16 | Surjit Singh | MPEd III | 48/21 | Surjeet7772@gmail.com | Surjit | Surjit | Surjit | Surjit | Surjit |
| | | | 49/21 | | | | | | |
| | | | 50/21 | | | | | | |
| | | | 51/21 | | | | | | |
| 17 | Md. Amanullah (Foreign Student) | MPEd | 52/21 | ahmappgg390@gmail.com | Aman | Aman | Aman | Aman | Aman |
| | YASH-KAUSHIK | MPEd | 50/20 | ayyashkaushik@gmail.com | Yash | Yash | | | |
| 18 | Mansi Singh | BSc V | B-66/20 | mansi12345mansi@gmail.com | Mansi | Mansi | Mansi | Mansi | Mansi |
| 19 | ANMOL SHARMA | BSc V | B-25/20 | adad18277@gmail.com | Anmol | Anmol | Anmol | Anmol | Anmol |
| 20 | Ajay Bheeda | BSc V | B-08/20 | ajaybheeda1016@gmail.com | Ajay | Ajay | Ajay | Ajay | Ajay |



CLOSING CEREMONY

Five Days Workshop on

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Date: 02.09.2022 Venue: New Conference Room Time: 4.00 PM



Resource Person



Ms. Namita
Ex. Sr. System Programmer DUCC

Chief Guest



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Chairman, GB

Guest of Honour



Mr. Surender Kumar
Treasurer, GB

Chairperson, IQAC



Prof. Sandeep Tiwari
Principal (Offg.)



Prof. Sandhya Tiwari
Member, IQAC



Prof. Lalit Sharma
Member, IQAC



Prof. Rajbir Singh
Member, IQAC



Dr. Meenakshi
Member, IQAC & Convener



Prof. Samiran Chakraborty
Coordinator, IQAC

19 कार्यशाला

अनुसंधान पद्धति: सांख्यिकीय डेटा एवं विश्लेषण पर केंद्रित
(29.08.2022 TO 02.09.2022)



प्रतिवेदन

अनुसंधान पद्धति:
सांख्यिकीय डेटा एवं
विश्लेषण पर केंद्रित

उद्घाटन सत्र की
अध्यक्षता संस्थान
के प्राचार्य प्रो.संदीप
तिवारी ने की।
कार्यशाला के
दौरान
प्रो. समीरन
चक्रवर्ती,
समन्वयक,
आई.क्यू.ए.सी. और
संस्थान के अन्य
शिक्षक गण भी
मौजूद रहे।

संस्थान के IQAC द्वारा आयोजित "अनुसंधान पद्धति: सांख्यिकीय डेटा एवं विश्लेषण पर केंद्रित पांच दिवसीय कार्यशाला का उद्घाटन 29 अगस्त 2022 को राष्ट्रीय खेल दिवस के अवसर पर संस्थान की कंप्यूटर लैब में किया गया था।

सुश्री नमिता दिल्ली विश्वविद्यालय के कंप्यूटर सेंटर की वरिष्ठ सिस्टम प्रोग्रामर (सेवानिवृत्त) को कार्यशाला के लिए संसाधन व्यक्ति के रूप में आमंत्रित किया गया था।

कार्यशाला की संयोजक डॉ. मीनाक्षी ने अतिथियों का स्वागत किया और पांच दिवसीय कार्यशाला के बारे में संक्षिप्त परिचय दिया।

कार्यशाला का उद्देश्य मास्टर डिग्री छात्रों और स्नातक छात्रों के लिए अनुसंधान और सांख्यिकी से संबंधित बुनियादी ज्ञान प्रदान करना है।



कार्यशाला

अनुसंधान पद्धति: सांख्यिकीय डेटा एवं विश्लेषण पर केंद्रित
(29.08.2022 TO 02.09.2022)

दिन 1

कार्यशाला में सांख्यिकी का परिचय और अनुसंधान में सांख्यिकीय डेटा विश्लेषण का महत्व को बताया गया। साथ ही SPSS सॉफ्टवेयर की प्रारंभिक जानकारी दी गई जिसमें SPSS के माध्यम से डेटा तैयार करना, SPSS में वर्णनात्मक सांख्यिकी चलाना, Non-Normality and Unequal Variance, Unequal Variance, Data Transformation and Recording, Bi-Variate data Analysis Methods in SPSS शामिल रहा। व्याख्यान के बाद अभ्यास सत्र में प्रतिभागियों ने अभ्यास किया।

कार्यशाला के दूसरे दिन निम्नलिखित विषयों पर व्याख्यान दिया गया: Basics to SPSS, Data Analysis Software and Data Preparation through SPSS. सत्र के अंत में श्री निशांत (छात्र एंपियर सेमेस्टर 3) द्वारा सत्र के दौरान सिखाई गई बातों को दोहराया

दिन 2

कार्यशाला के तीसरे दिन निम्नलिखित विषयों पर बात हुई: Creating SPSS Data set with Proper Definition and Parameter defining of each variable, Computation of Descriptive Analysis, and Saving Descriptive Results in Word File along with Command, and Execution of the Split Files. सत्र के अंत में छात्रों एवं विशेषज्ञ के बीच विभिन्न समस्याओं के बारे में बात हुई जिनका उन्होंने अभ्यास सत्र के दौरान सामना किया

दिन 3



कार्यशाला

अनुसंधान पद्धति: सांख्यिकीय डेटा एवं विश्लेषण पर केंद्रित
(29.08.2022 TO 02.09.2022)

दिन 4

कार्यशाला के चौथे दिन विशेषज्ञ ने निम्नलिखित जोर दिया: how to execute command for Statistical Analysis and Graph on Syntax File, Data Transformation and Recoding

कार्यशाला के पांचवें दिन विशेषज्ञ ने सिटैक्स फाइल, डेटा ट्रांसफॉर्मेशन और रिकोडिंग पर सांख्यिकीय विश्लेषण और ग्राफ के लिए कमांड निष्पादित करने पर जोर दिया।

दिन 5

प्रतिभागियों द्वारा सत्र को उपयोगी माना गया। रिसोर्स पर्सन ने प्रतिभागियों के प्रश्नों का उत्तर दिया। कंप्यूटर लैब में दोपहर 2:00 बजे से शाम 4:30 बजे तक सेशन चला। सत्र के अंत में प्रतिभागियों से सत्र के बारे में फीडबैक लिया गया। इसके बाद शाम 5 बजे नये सम्मेलन कक्ष में समापन समारोह का आयोजन किया गया।

