GOVT. HOLKAR (MODEL AUTONOMOUS) SCIENCE COLLEGE, INDORE

(An ISO 9001:2015 & ISO 14001:2015 Certified Instituion)

SSR DOCUMENT

2017-18 TO 2021-22

CRITERION – 5

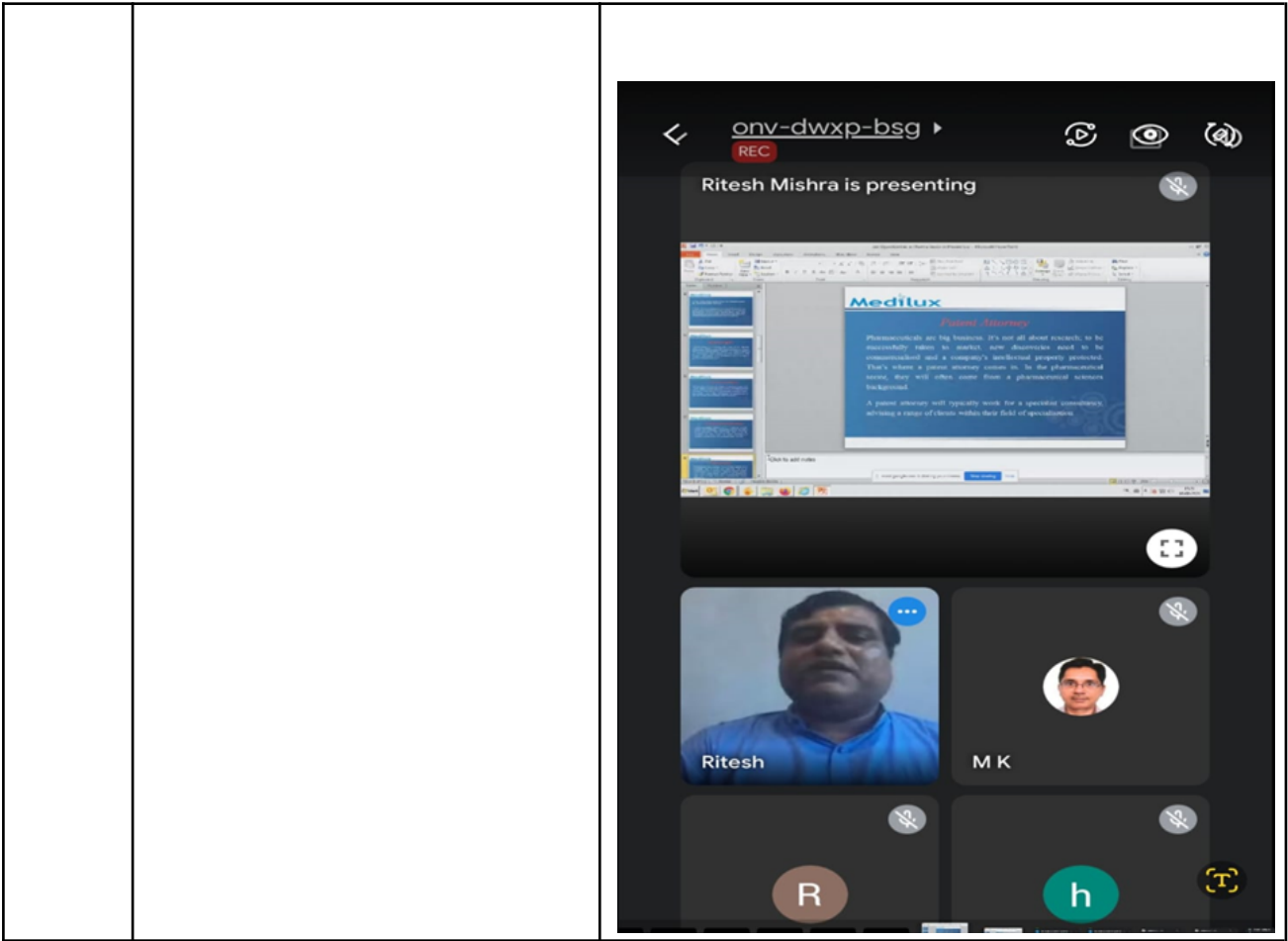## Student Support and Progression

Metric No. : 5.1.2

Document Title:

Samples of Career Counseling & e-counseling

तमसो मा ज्योतिर्गमय

Job Opportunities in Pharma Sector in Present Scenario

S. No	Component/Activities	Details of event
1	Name of the Department / Unit / Agency:	**Pharmaceutical Chemistry**
2	Name of the Activity:	Online Webinar on "Job Opportunities in Pharma Sector in Present Scenario"
3	Date and Year of the Activity:	16-08-2021
4	Number of Students Participated in the activity:	125
5	Report of the Activity (in 100 words):	Department of Pharmaceutical Chemistry has organized Webinar on " Job Opportunities in Pharma Sector in Present Scenario" on dated 16 August 2021 on zoom Platform. The speaker was Dr. Ritesh Mishra Department of Analytical Development Medilux, Laboratories, Pithampur. In presence of Chief Patron Dr. Suresh T. Silawat Principal and Additional Director of Higher Education Indore Division. Conviner of this webinar was Dr. M.K.Dwivedi Prof. and Head department of Pharma Chemistry. Organizing Committee includes Dr. Rashmi Agarwal Prof. Rashmi Joshi, Prof. Hema Kochar, Prof. Anjali Yadav, Prof. Richa Sharma. It was very usefull for all the participants for selcting their career in pharma sector in pandamic period of Covid-19
6	Photo of Activity:	

7	List of Participants	

Department of Pharmaceutical Chemistry
Online Webinar on Job Opportunities

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Activity In charge

Report of Activity (Name of Activity) conducted during 2021-22

S. No	Component/Activities	Details/Career guidance
1.	Name of the Department / Unit / Agency:	Zoology Department
2.	Name of the Activity:	Induction programme and NET/SET Exam Counselling Programme to M.Sc. Previous Students
3.	Name of the Scheme:	Induction
4.	Date and Year of the Activity:	04 -10- 2021
5.	Number of Students Participated in the activity:	45
6.	**Activity Photographs**	

7.	**Report of the Activity (in 100 words):** **Dr. Ravindra Pal Ahirwal sir convenor and Dr. Rekha Sharma Madam Organized online induction programme for M.Sc. Students of Zoology Department on 4ᵗʰ oct. at 2 o'clock in the department of Zoology. In this programme Dr. Mithue Coach give a seminar on herbal health. Dr. Priyanka Tiwari Conduct the programme and gave brief knowledge of department and Vote of thanks given by Dr. Alka Dubey.**

Activity In Charge

HoD
Department of Zoology

Zoology Department , Govt. Holkar Science College, Indore (M.P.)	
List -Induction Programme	
04 OCT. 2021	
S.No.	List of Participants
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2	AKASH
3	DEEPIKA RATHOD
4	DIPA CHOUHAN
5	EKTA VERMA
6	KAMLESH TAHED
7	KRISHNA PARA
8	KUNTI PRAJAPAT
9	MAYUR RAI
10	RAKSHA BAMNIYA
11	RITIKA THAKUR
12	ROSHNI
13	SADIK HUSEN
14	SHIVANI GANGWAL
15	TRAPTI SITOLE
16	URVASHI SHARAD
17	VAISHALI
18	AJAY KACHHWARE
19	AMAN GOYAL
20	ATUL PANDEY
21	BHARTI
22	HARSHAD LODWAL

23	LAXMI SHARMA
24	MANISH RAWAT
25	MAYURI
26	NEHA DAVID
27	NISHTHA TRIPATHI
28	REENA CHOUHAN
29	ROSHNI SOLANKI
30	SHRADDHA PATEL
31	AFTAB AHAMED PATHAN
32	AJAY SINGH TOMAR
33	DEEPIKA MARU
34	DHARMENDRA SINGH NARWARIYA
35	KHYATI DUBEY
36	LAXMI KIRAR
37	SAYMA KHAN
38	AARTI TAWAR
39	ANKITA
40	BHAGATSINGH CHOUHAN
41	GEETA BAMNIYA
42	GOVIND KHARTE
43	KAJAL
44	ARTI CHOUHAN
45	NANDINI

Department of Statistics Career Counselling Programme Report

Date: 26/3/2021

Introduction:

On 26th March 2021, the Department of Statistics organized a Career Counselling Programme focusing on the fascinating field of Environmental Statistics. The event aimed to provide students and faculty members with valuable insights into the applications of statistics in environmental research and the potential career opportunities in this field. The lecture was delivered by Dr. Rajesh Tailor, an esteemed expert in environmental statistics.

Programme Overview:

The Career Counselling Programme aimed to address the increasing interest among students in pursuing careers in environmental statistics, which involves the application of statistical methods to analyze and interpret environmental data. The event welcomed undergraduate and postgraduate students, as well as faculty members interested in exploring the field of environmental statistics.

Guest Lecture by Dr. Rajesh Tailor:

Dr. Rajesh Tailor, a renowned statistician specializing in environmental research, delivered an engaging and informative lecture on the subject of Environmental Statistics. His expertise and experience in the field allowed him to provide participants with a comprehensive understanding of the applications of statistics in environmental studies. The lecture covered the following key elements:

1. Introduction to Environmental Statistics:

Dr. Tailor began by providing an introduction to environmental statistics, highlighting its significance in addressing environmental challenges and making informed decisions regarding natural resources and environmental management. He explained how statistical methods are used to analyze and interpret data related to air quality, water resources, climate change, and biodiversity.

2. Statistical Techniques in Environmental Studies:

The guest lecture focused on showcasing the various statistical techniques used in environmental studies. Dr. Tailor discussed methods such as regression analysis, time series

analysis, spatial statistics, and sampling techniques. He explained how these techniques are applied to analyze environmental data, model environmental processes, and assess the impact of human activities on the environment.

3. Environmental Data Collection and Analysis:

Dr. Tailor delved into the process of environmental data collection and analysis. He emphasized the importance of collecting accurate and representative data from various environmental sources, such as weather stations, remote sensing satellites, and environmental monitoring networks. He discussed the statistical methods employed to analyze these data sets and draw meaningful conclusions.

4. Applications of Environmental Statistics:

The guest lecture highlighted the diverse applications of environmental statistics. Dr. Tailor discussed how statistical analysis is used in environmental impact assessments, environmental risk assessments, ecological modeling, and natural resource management. He provided examples of real-world environmental studies where statistical methods played a crucial role in understanding environmental processes and formulating effective strategies.

5. Career Opportunities in Environmental Statistics:

The lecture concluded with a discussion on the career opportunities available in the field of environmental statistics. Dr. Tailor highlighted potential roles such as environmental statistician, data analyst, environmental consultant, and research scientist. He discussed the demand for professionals with expertise in environmental statistics and the skills and knowledge required to excel in this field.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 26th March 2021 was a great success. The department extends its gratitude to Dr. Rajesh Tailor for sharing his expertise and inspiring the participants to pursue careers in environmental statistics, contributing to the advancement of environmental science and sustainability.

HOD

Department of Statistics

HEAD
Department of Statistics
Govt. Holkar Science College, Indore

B.Sc. I⁻ year 2021

होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर
(देवी अहिल्या विश्वविद्यालय से संबद्ध)

दिनांक 26.03.2021

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Department of Statistics Career Counselling Programme Report

Date: 25/2/2022

Introduction:

On 25th February 2022, the Department of Statistics organized a Career Counselling Programme focusing on the field of Statistical Consulting. The event aimed to provide students and faculty members with valuable insights into the role of statistical consultants and the potential career opportunities in this field. The lecture was delivered by Dr. Dharampal Singh, an experienced statistician and expert in statistical consulting.

Programme Overview:

The Career Counselling Programme aimed to address the increasing demand for statistical consulting services in various industries and research fields. The event welcomed undergraduate and postgraduate students, as well as faculty members interested in learning about statistical consulting as a career path.

Guest Lecture by Dr. Dharampal Singh:

Dr. Dharampal Singh, a highly respected statistician with extensive experience in statistical consulting, delivered an engaging and informative lecture on the subject of Statistical Consulting. His expertise and practical knowledge in the field allowed him to provide participants with a comprehensive understanding of the role of statistical consultants. The lecture encompassed the following key elements:

1. Introduction to Statistical Consulting:

Dr. Singh began by providing an introduction to statistical consulting, highlighting its importance in assisting clients with statistical analysis and decision-making. He explained how statistical consultants work with clients from various disciplines to design studies, collect and analyze data, and interpret results.

2. Skills and Qualifications of a Statistical Consultant:

The guest lecture focused on the essential skills and qualifications required to succeed as a statistical consultant. Dr. Singh discussed the importance of strong statistical knowledge, effective communication skills, problem-solving abilities, and proficiency in statistical

software. He emphasized the need for continuous learning and staying updated with advancements in statistical methods and tools.

3. Consulting Process and Methodology:

Dr. Singh delved into the consulting process and methodology followed by statistical consultants. He discussed the steps involved in a consulting project, including understanding the client's objectives, formulating research questions, designing studies, data collection and cleaning, statistical analysis, interpretation of results, and effective communication of findings.

4. Ethical Considerations in Statistical Consulting:

The guest lecture highlighted the ethical considerations that arise in the field of statistical consulting. Dr. Singh discussed issues such as maintaining client confidentiality, ensuring data integrity and security, avoiding conflicts of interest, and adhering to professional and ethical guidelines. Participants gained insights into the ethical responsibilities of statistical consultants and the importance of maintaining integrity in their work.

5. Career Opportunities in Statistical Consulting:

Dr. Singh concluded the lecture with a discussion on the career opportunities available in the field of statistical consulting. He highlighted potential roles such as statistical consultant, data analyst, research associate, and academic consultant. He discussed the demand for skilled statistical consultants in industries such as healthcare, finance, market research, government agencies, and academia.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 25th February 2022 was a resounding success. Attendees gained a deeper understanding of the skills and qualifications required to excel in this field, as well as the ethical considerations involved in statistical consulting. The department expresses its gratitude to Dr. Dharampal Singh for sharing his expertise and inspiring the participants to consider careers in statistical consulting, contributing to the advancement of statistical practice in various domains.

HOD

Department of Statistics

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होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर

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6	2111302	AYUSH KUMAR SARATHE	ABaratys
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21	2111317	RAMLAKHAN DANGI	

22	2111318	RITESH PAGARE	Ritesh
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25	2111321	SAPANA RAJPUT	Sapna
26			
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28	2111324	SNEHA GOUR	Sneha
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Department of Statistics Career Counselling Programme Report

Date: 15/3/2022

Introduction:

On 15th March 2022, the Department of Statistics organized a Career Counselling Programme focusing on the field of Statistical Quality Control. The event aimed to provide students and faculty members with valuable insights into the applications of statistics in quality control and the potential career opportunities in this field. The lecture was delivered by Dr. Narendra Singh Thakur, a distinguished expert in statistical quality control.

Programme Overview:

The Career Counselling Programme aimed to address the growing importance of statistical quality control in various industries, including manufacturing, healthcare, and service sectors. The event welcomed undergraduate and postgraduate students, as well as faculty members interested in exploring the field of statistical quality control.

Guest Lecture by Dr. Narendra Singh Thakur:

Dr. Narendra Singh Thakur, an esteemed statistician with extensive experience in statistical quality control, delivered an enlightening and informative lecture on the subject. His expertise in the field allowed him to provide participants with a comprehensive understanding of statistical quality control and its applications. The lecture covered the following key elements:

1. Introduction to Statistical Quality Control:

Dr. Thakur began by providing an introduction to statistical quality control, highlighting its role in ensuring product and process quality in various industries. He explained how statistical methods are used to monitor and control the quality of products and processes, thereby minimizing defects and improving overall performance.

2. Statistical Tools and Techniques in Quality Control:

The guest lecture focused on showcasing the statistical tools and techniques used in quality control. Dr. Thakur discussed methods such as control charts, process capability analysis, acceptance sampling, and design of experiments. He explained how these techniques are applied to monitor processes, identify sources of variation, and make data-driven decisions to improve quality.

3. Quality Control in Manufacturing and Service Sectors:

Dr. Thakur delved into the applications of statistical quality control in both manufacturing and service sectors. He discussed how quality control is used to ensure consistent product quality in manufacturing processes and to improve service delivery in areas such as healthcare, customer support, and transportation. Participants gained insights into the specific challenges and approaches to quality control in different industries.

4. Statistical Process Control and Six Sigma:

The guest lecture highlighted the concepts of statistical process control (SPC) and Six Sigma, which are widely used in quality control. Dr. Thakur explained how SPC involves monitoring and controlling processes using statistical techniques, while Six Sigma focuses on reducing process variation and achieving near-perfect quality levels. Participants gained an understanding of the principles and methodologies behind these approaches.

5. Career Opportunities in Statistical Quality Control:

Dr. Thakur concluded the lecture with a discussion on the career opportunities available in the field of statistical quality control. He highlighted potential roles such as quality control analyst, quality assurance manager, process improvement specialist, and consultant. He discussed the demand for professionals with expertise in statistical quality control and the skills and knowledge required to excel in this field.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 15th March 2022 was a resounding success. Dr. Narendra Singh Thakur's expertly delivered guest lecture on Statistical Quality Control provided participants with valuable insights into the field and its applications in various industries. Attendees gained a deeper understanding of the statistical tools and techniques used in quality control, as well as the career opportunities available in this field. The department expresses its gratitude to Dr. Narendra Singh Thakur for sharing his expertise and inspiring the participants to consider careers in statistical quality control, contributing to the advancement of quality management practices across industries.

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होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर

(देवी अहिल्या विश्वविद्यालय से संबद्ध)

दिनांक — 15.03.2022

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3	19310731	MANSI SHARMA	Mansi
4	19310732	MANU KUMRE	
5	19310733	MARUTENDRA KUMAR VAISHYA	Marutendra
6	19310734	MOHIT GUPTA	MG
7	19310735	MUKTA KHILWANI	Khilwani
8	19310736	NARGEES	Akhram
9	19310737	NEERAJ GUPTA	Neerajgupta
10	19310738	NEERAJ SINGH	Singh
11	19310739	PIYUSH SOLANKI	Solanki
12	19310740	PRACHI YADAV	Prachi
13	19310741	PRAKASH DUBEY	Prakash
14	19310742	PRIYAVANDNA RANAWAT	Ranawat
15	19310743	PURNIMA PAL	Pal
16	19310744	RAMKRUSHAN	Ramkrushan
17	19310745	RISHI GELOTRA	Rishi
18	19310746	RISHITA ATRE	Atre
19	19310747	ROHIT ATODIYA	R Atodiya
20	19310748	ROHIT PATEL	Rohit
21	19310749	SACHIN TIWARI	Sachin
22	19310750	SAGAR BAIRWA	A
23	19310751	SALONI MALVIYA	Saloni
24	19310752	SANA QURAISHI	Sana
25	19310753	SANDEEP DHOKE	Sandeepdhoke

होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर

(देवी अहिल्या विश्वविद्यालय से संबद्ध)

दिनांक – 15.03.2022

क्रमांक	रोल नबंर	विद्यार्थी का नाम	हस्ताक्षर
1	19310754	SAURABH RAHANGDALE	
2	19310755	SHANKAR PADIYAR	
3	19310756	SHASHANK SONI	
4	19310757	SHIVAM AGRAWAL	
5	19310758	SHIVANEE BHABAR	
6	19310759	SHREYASH JAIN	
7	19310760	SHUBHAM KULTIYA	
8	19310761	SHUBHAM RAI	
9	19310762	SIMRAN SHARMA	
10	19310763	SRASHTI GHOSH	
11	19310764	SUYASH SHRIVASTAVA	
12	19310765	SWAPNIL MESHRAM	
13	19310766	SWATI PARMAR	
14	19310767	TANIYA PARIYANI	
15	19310768	TULJIT NAGVANSHI	
16	19310769	YASHWARDHAN SHARMA	
17	19310623	SHIVANSH SHARMA	
18	19310624	SONALI JAIN	
19	19310625	SONAM SOLANKI	
20	19310626	SUJAL NAMDEV	
21	19310627	TARUN BHARDWAJ	
22	19310628	VAISHALI GADRE	
23	19310629	VAISHNAVI TIWARI	NEXT BATCH
24	19310630	VIRENDRA SINGHANIYA	
25	19310631	YASHSWI PANDEY	
26	19310632	YOGITA GANAVADIYA	

EXTENSION AND OUTREACH PROGRAM

S. No	Component/Activities	Details of event
1	Name of the Department / Unit / Agency:	Department of Statistics
2	Name of the Activity:	One Day Lecture on "Information about Job oriented training in Computer Sciences"
3	Name of the Scheme:	-
4	Date and Year of the Activity:	18/02/2020
5	Number of Students Participated in the activity:	26
6	Report of the Activity (in 100 words):	In one day lecture series for UG and PG students, a lecture was organized on 18.02.2020 on the topic of "Information about job oriented training in computer science" by Department of Statistics. The Chief guests for the program were Mr. Gaurav Manjrekar & Mr. Swapnil Girase. Their welcoming was done by Prof. Mangla Chauragade and Prof. Rashmi Awad by giving them a bouquet. Starting to Prof. Kunika Tiwari who gave the general introduction of our chief guests. Firstly the program was lead by Mr. Gaurav Manjrekar Sir. He gave information about the courses of computer science in which there is vast use of statistics like mobile app development, web designing, digital marketing, graphics designing etc., the demand of which is bombarding in the current world. He told the students that they have vast opportunity to build their career by doing these courses. After doing these courses, students get placed on higher packages. He gave brief explanation on job related courses to the students. Afterwards the program was continued by Mr. Swapnil Girase Sir, he gave information about SAP i.e. , how to manage the data science with the use of python, R – language, SAS,SPSS and how to make career in designing software. At the end of lecture, a vote of thanks was given by Prof. Divya Trivedi of the department that the lecture consists of the precious information about the job oriented computer

		courses that definitely helps our student in their future planning.
7	Photo of Activity:	Attached
8	Media Report of Activity:	-
9.	Poster of Activity	-
10	List of Participants	Attached

18-Feb-2020 2:59:10 pm

18-Feb-2020 2:22:29 pm

18-Feb-2020 1:59:03 pm

List of Participants

S. No.	STUDENT NAME
1	NANDINI SHRIVASTAVA
2	PAYAL YADAV
3	PRINCE PANDEY
4	PRIYANKA BHATODRA
5	SHEETAL SHAKTAWAT
6	SHIVANGI PATIDAR
7	SIDDHI BAIRAGI
8	SMITA YADAV
9	SRISHTI JAIN
10	TEHMEENA SHEIKH
11	AAKANKSHA JAIN
12	ABHISHEK SINGH THAKUR
13	AJAY YADAV
14	ARANYA PRATAP SINGH
15	ARPIT ASATI
16	ATUL BANSOD
17	GOURAV WASALE
18	PRAGATI SONI
19	RAVINDRA THAKRAW
20	SACHIN PAYASI
21	SAKSHI CHAURASIA
22	SAUMYA TIWARI
23	SHIVAKSHI TIWARI
24	SHIVANI RATHOD
25	VAISHALI JADHAV
26	YAMINI GADWAL

Signature of Activity In charge

Note: 1). Please use Time New Roman font with 12 font sizes.

2). Delete extra rows if data is not available.

3). Preserve the word file in your computer.

Department of Statistics Career Counselling Programme Report

Dates: 21/06/2020 and 22/06/2020

Introduction:

On 21st and 22nd June 2020, the Department of Statistics organized a comprehensive Career Counselling Programme focusing on the intriguing subject of Statistical Genetics and Genomics. The event aimed to provide students and faculty members with valuable insights into the intersection of statistics, genetics, and genomics and the exciting career opportunities within the field. The lectures were delivered by Dr. Singdha Banerjee and Dr. Rajesh Tailor, esteemed experts in the field of statistical genetics and genomics.

Programme Overview:

The Career Counselling Programme aimed to address the growing interest among students in pursuing careers in statistical genetics and genomics. The two-day event provided participants with a deep understanding of the field and its applications in various domains, including healthcare, biotechnology, and research. The programme included lectures, discussions, and interactive sessions.

Day 1: Lecture by Dr. Singdha Banerjee

Dr. Singdha Banerjee, an accomplished geneticist and statistician, delivered an enlightening lecture on the subject of Statistical Genetics. The lecture covered the following key elements:

1. Introduction to Statistical Genetics: Dr. Banerjee provided an overview of the field, highlighting the integration of statistics and genetics in studying inherited traits, genetic disorders, and population genetics. Participants gained insights into the fundamental concepts and methodologies used in statistical genetics.

2. Genetic Association Studies: The lecture focused on the significance of genetic association studies in identifying genetic variants associated with complex diseases and traits. Dr. Banerjee discussed various study designs, statistical models, and computational tools employed in genetic association studies.

3. Genomic Data Analysis: Participants were introduced to the analysis of large-scale genomic data, including techniques for genotyping, next-generation sequencing, and gene expression analysis. Dr. Banerjee discussed statistical approaches for analyzing and interpreting genomic data, emphasizing the importance of quality control and statistical inference.

Day 2: Lecture by Dr. Rajesh Tailor

Dr. Rajesh Tailor, a renowned expert in genomics and statistical analysis, delivered an engaging lecture on the subject of Statistical Genomics. The lecture covered the following key elements:

1. Introduction to Statistical Genomics: Dr. Tailor provided an overview of the field, focusing on the integration of statistical methods with genomics to understand gene function, gene regulation, and genome-wide association studies. Participants gained insights into the statistical challenges and approaches in genomics research.

2. Gene Expression Analysis: The lecture explored the statistical analysis of gene expression data, including techniques such as microarrays and RNA sequencing. Dr. Tailor discussed differential expression analysis, gene set enrichment analysis, and the integration of gene expression data with other omics data.

3. Computational Methods in Genomics: Participants were introduced to computational methods and tools used in genomics research, such as genome assembly, sequence alignment, and variant calling. Dr. Tailor discussed the statistical foundations of these methods and their applications in understanding genomic variations and evolutionary dynamics.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 21st and 22nd June 2020 was a tremendous success. The lectures delivered by Dr. Singdha Banerjee and Dr. Rajesh Tailor on Statistical Genetics and Genomics provided students and faculty members with invaluable insights into this interdisciplinary field. Participants gained a deeper understanding of the role of statistics in genetics and genomics research, including genetic association studies, genomic data analysis, gene expression analysis, and computational methods in genomics. The department expresses its sincere gratitude to Dr. Singdha Banerjee and Dr. Rajesh Tailor for their expertise.

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Department of Statistics

HEAD
Department of Statistics
Govt. Holkar Science College, Indore

Department of Statistics Career Counselling Programme Report

Date: 27/02/2020

Introduction:

On 27th February 2020, the Department of Statistics organized a Career Counselling Programme focusing on the exciting field of Sports Analytics. The event aimed to provide students and faculty members with insights into the application of statistics in sports and the promising career opportunities in the realm of sports analytics. The lecture was delivered by Dr. Pravven Gupta, a distinguished expert in the field of sports analytics.

Programme Overview:

The Career Counselling Programme aimed to address the growing interest among students in pursuing careers in sports analytics, combining their passion for sports with statistical expertise. The event was open to undergraduate and postgraduate students, as well as faculty members keen on exploring the emerging field of sports analytics.

Guest Lecture by Dr. Pravven Gupta:

Dr. Pravven Gupta, a renowned sports analyst and statistician, delivered an insightful and captivating lecture on the subject of Sports Analytics. His expertise and experience in the field allowed him to provide participants with a comprehensive understanding of the role of statistics in sports analysis and the career prospects in sports analytics. The lecture encompassed the following key elements:

1. Introduction to Sports Analytics:

Dr. Gupta began by providing an introduction to sports analytics, highlighting its significance in gaining a competitive edge in the world of sports. He explained how statistical analysis and data-driven decision-making have revolutionized the sports industry, enabling teams, coaches, and organizations to make informed decisions.

2. Applications of Statistics in Sports:

The guest lecture focused on showcasing the various applications of statistics in the world of sports. Dr. Gupta discussed how statistical analysis is used in player performance evaluation, game strategy development, injury prevention, and talent scouting. He shared examples from

different sports, such as basketball, soccer, and baseball, to demonstrate the impact of statistics in optimizing team performance.

3. Data Collection and Analysis:

Dr. Gupta delved into the process of data collection and analysis in sports analytics. He explained the importance of collecting accurate and relevant data, including player statistics, game logs, and tracking data. He also discussed various statistical techniques and models used in sports analytics, such as regression analysis, machine learning algorithms, and predictive modeling.

4. Career Opportunities in Sports Analytics:

The guest lecture highlighted the numerous career opportunities in the field of sports analytics. Dr. Gupta discussed potential roles such as sports data analyst, performance analyst, scouting analyst, and sports research scientist. He provided insights into the industry demand for sports analytics professionals and the skills and qualifications required to excel in this field.

5. Q&A Session:

The event concluded with an interactive question and answer session, allowing participants to engage with Dr. Pravven Gupta. Attendees had the opportunity to seek further clarification on specific topics, career prospects, and advice for pursuing a career in sports analytics.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 27th February 2020 was a remarkable success. Dr. Pravven Gupta's guest lecture on Sports Analytics provided students and faculty members with valuable insights into the field and its applications in the world of sports. Participants gained a deeper understanding of the role of statistics in optimizing sports performance and discovered the exciting career opportunities available in sports analytics. The department expresses its gratitude to Dr. Pravven Gupta for his enlightening lecture, inspiring the attendees to pursue rewarding careers in sports analytics and contributing to the growth of the field.

HOD

Department of Statistics

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Department of Statistics
Govt. Holkar Science College, Indore

होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर
(देवी अहिल्या विश्वविद्यालय से संबद्ध)

दिनाक 27.02.2020

ऋ. क.	रोल नबंर	विद्यार्थी का नाम	हस्ताक्षर
1	1731498	MONIKA KAYAL	M Kayal.
2	1731499	NAGENDRA DWIVEDI	Nagendra
3	1731500	PANKAJ PRAJAPATI	Pkj
4	1731501	PARIDHI BHATE	Paree
5	1731502	PIYUSH PAWAR	Pawar
6	1731503	PURNIMA DEVDA	Purnima
7	1731504	RISHABH JAT	
8	1731505	ROSHNI DESHMUKH	
9	1731506	SANJAY MAHESWARI	
10	1731507	SANYAM JAIN	S Jain
11	1731508	SARVESH SINGH KUSHWAH	
12	1731509	SATENDRA LODHI	सतेन्द्र लोधी
13	1731510	SAURABH LODHI	Absent
14	1731511	SHAHBAZ ALI	
15	1731512	SHAHRUKH KHAN	Khan
16	1731513	SUDEEP KAURAV	Sudeep
17	1731514	SURESH MORE	More
18	1731515	SWECHCHHA JAIN	S jain
19	1731516	UTKARSHA PANCHARIYA	Utkarsha
20	1731517	VEDANSH MODI	Modi
21	1731518	VISHNUKANT SHUKLA	Vishnu
22	1731519	YASHVARDHAN SINGH	
23			
24			

Department of Statistics Career Counselling Programme Report

Date: 11/11/2017

Introduction:

The Department of Statistics organized a Career Counselling Programme on 11th November 2017, aimed at providing valuable insights into career opportunities in the field of statistics. The event featured a guest lecture by Mr. Mahesh Dubey, an esteemed professional in the field, who shared his expertise and knowledge with the participants.

Programme Overview:

The Career Counselling Programme was designed to address the growing interest among students in pursuing careers in statistics and related fields. The event was open to undergraduate and postgraduate students, as well as faculty members interested in exploring various career paths within statistics.

Guest Lecture by Mahesh Dubey:

Mr. Mahesh Dubey, a renowned statistician with extensive industry experience, delivered an engaging and informative lecture on the subject of career counselling in statistics. He shared his personal experiences, insights, and practical advice for aspiring statisticians. The lecture covered the following key topics:

1. Introduction to Statistics Careers: Mr. Dubey provided an overview of the diverse career opportunities available in the field of statistics. He discussed the roles and responsibilities of statisticians in different industries, emphasizing the increasing demand for statistical expertise in today's data-driven world.

2. Industry Applications: The guest speaker highlighted the practical applications of statistics across various industries such as healthcare, finance, market research, and government sectors. He explained how statisticians contribute to decision-making processes, problem-solving, and data analysis in these domains.

3. Skills and Qualifications: Mr. Dubey outlined the essential skills and qualifications required for a successful career in statistics. He emphasized the importance of strong analytical abilities, proficiency in statistical software, and effective communication skills. Furthermore, he discussed the significance of continuous learning and professional development to stay relevant in the field.

4. Career Paths: The guest lecture explored different career paths available to statisticians, including academia, research, industry, and government sectors. Mr. Dubey shared valuable insights on the pros and cons of each path, helping participants gain a deeper understanding of the options available to them.

5. Q&A Session: The event concluded with an interactive question and answer session, allowing participants to seek further clarification on specific topics or career-related queries. Mr. Dubey enthusiastically answered the questions, providing valuable guidance to the attendees.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 11th November 2017 was a resounding success. The guest lecture by Mr. Mahesh Dubey shed light on the vast array of career opportunities in the field of statistics. Participants gained valuable insights into the skills, qualifications, and practical applications of statistics in various industries. The event provided a platform for students and faculty members to interact with an experienced professional, enabling them to make informed decisions regarding their career paths. We express our sincere gratitude to Mr. Mahesh Dubey for his enlightening lecture and look forward to organizing more such programmes in the future to assist students in their career aspirations.
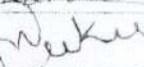
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Department of Statistics
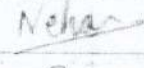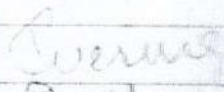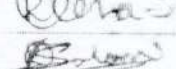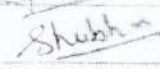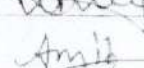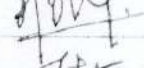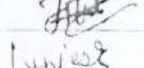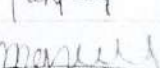
HEAD
Department of Statistics
Govt. Holkar Science College, Indore

होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर

(देवी अहिल्या विश्वविद्यालय से संबद्ध)

Batch - III

दिनांक : 11.11.20

क्रं.	रोल नबंर	विद्यार्थी का नाम	हस्ताक्षर
1	1551552	NEERAJ THAKUR	
2	1551553	NEHA SANWLE	
3	1551554	NIKITA CHOUHAN	
4	1551555	PANKAJ CHOUHAN	
5			
6	1551557	PRAVEEN VERMA	
7	1551558	RAJARAM PATIDAR	
8	1551559	RAMESHWAR SONI	
9	1551560	REENA BHANDOLE	
10	1551561	RUPESH SOLANKI	
11	1551562	SANJAY MASANIYA	
12	1551563	SANSKAR JAIN	
13	1551565	SHUBHAM SHRIVASTAVA	
14	1551566	SOHAM JAIN	
15	1551567	SUMIT SONI	
16	1551568	TARUN CHOUDHARY	
17	1551570	ABHAY KOURAV	
18	1551571	ADITYA GUPTA	
19	1551572	AMIT PALIWAL	
20	1551573	ATUL JAT	
21	1551574	AYUSHI NEMA	
22	1551575	DEVRAJ PATIDAR	
23	1551576	HONEY SATWANI	
24	1551577	JITENDRA	
25	1551578	KUNJESH PARIKH	
26	1551579	MANOJ KUMAR	
27	1551580	MUKUL SHARMA	

28	1551581	PANKAJ BAGHELA	
29	1551582	PARIDHI RATHORE	
30	1551583	PRADEEP VERMA	
31	1551584	PRASHANT SHARMA	
32	1551585	PRAVENDRA KUMAR JAISWAL	
33	1551586	ROHIT SINGH PARIHAR	
34	1551587	SATYAM MEENA	
35	1551588	VIKAS	
36	1551589	VISHAL KAWLIYA	
37	1551549	KULDEEP NAMDEO	
38	1551551	MOHIT PANDEY	
39	1551726	VINAY JOGI	

Department of Statistics Career Counselling Programme Report

Date: 01/05/2018

Introduction:

On 11th November 2017, the Department of Statistics organized a Career Counselling Programme to provide students and faculty members with valuable insights into career opportunities within the field of statistics. The highlight of the event was a guest lecture delivered by Prof. K.B. Rajole, an esteemed academic and expert in the field of statistics.

Programme Overview:

The Career Counselling Programme aimed to address the growing interest among students in pursuing careers related to statistics. The event was open to undergraduate and postgraduate students, as well as faculty members seeking guidance on various career paths within the statistical domain.

Guest Lecture by Prof. K.B. Rajole:

Prof. K.B. Rajole, a highly respected academic and statistician, delivered an enlightening and informative guest lecture on the subject of career counselling in statistics. With his extensive knowledge and expertise, he shared valuable insights and advice with the attendees. The lecture covered the following key aspects:

1. Introduction to Statistics Careers:

Prof. Rajole provided a comprehensive introduction to the numerous career opportunities available in the field of statistics. He discussed the role of statisticians in addressing real-world challenges and emphasized the importance of statistical analysis and interpretation in decision-making processes.

2. Academic and Research Paths:

The guest lecture highlighted the academic and research avenues within statistics. Prof. Rajole shed light on pursuing higher education in statistics and related fields, including the significance of postgraduate degrees and research opportunities. He also discussed the benefits and challenges of an academic career and provided guidance on building a successful research profile.

3. Industry Applications:

Prof. Rajole explored the practical applications of statistics across a wide range of industries, such as finance, healthcare, marketing, and government sectors. He elaborated on the role of statisticians in data analysis, predictive modeling, risk assessment, and decision support systems, showcasing the relevance and impact of statistics in diverse sectors.

4. Skill Development and Qualifications:

The guest lecture emphasized the essential skills and qualifications required for a thriving career in statistics. Prof. Rajole highlighted the significance of statistical software proficiency, programming skills, and domain-specific knowledge. He also stressed the importance of effective communication, critical thinking, and problem-solving abilities in the field of statistics.

5. Career Growth and Professional Development:

Prof. Rajole discussed the various pathways for career growth and professional development within statistics. He provided insights into industry certifications, professional associations, networking opportunities, and continuous learning through workshops, conferences, and online resources. The lecture aimed to equip the participants with knowledge about enhancing their skills and advancing their careers.

Conclusion:

The Career Counselling Programme organized by the Department of Statistics on 11th November 2017 was a tremendous success. Prof. K.B. Rajole's guest lecture provided valuable guidance and insights into the vast array of career opportunities within the field of statistics. Participants gained a deeper understanding of the academic, research, and industry pathways available to them. The event enabled students and faculty members to interact with an eminent academic and statistician, fostering their career aspirations and guiding them towards making informed decisions. The department expresses its sincere appreciation to Prof. K.B. Rajole for his insightful lecture and looks forward to organizing similar programmes in the future to assist individuals in their pursuit of successful careers in statistics.

HOD

Department of Statistics

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Department of Statistics
Govt. Holkar Science College, Indore

होलकर विज्ञान(स्वशासी) महाविद्यालय इन्दौर
(देवी अहिल्या विश्वविद्यालय से संबद्ध)

दिनांक : 01/05/18

क्रं.	रोल नबंर	विद्यार्थी का नाम	हस्ताक्षर
1	164160	AARADHNA CHOUDHARY	Aaradhna
2	164161	AMIT BIROTHIYA	
3	164162	APEKSHA KAWALE	Aksha
4	164163	HARSHINI CHOURASIYA	H.chourasi'ya
5	164164	KAPIL VERMA	Kapil
6	164165	MANDAKINI NARWARE	Mandalini
7	164166	RISHABH GUPTA	Rivesh
8	164167	SAPNA YADAV	Yoda
9	164168	SURBHI GHODKI	Surbhi
10	164169	SUREKHA SHARMA	
11	164170	TANZILA GOURI	Surekha
12	164171	VISHAKHA PARMAR	Grouri
			Visha