

JAMIA MILLIA ISLAMIA

(A Central University by an Act of Parliament)
Maulana Mohammad Ali Jauhar Marg, New Delhi-110025

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जामिया मिल्लिया इस्लामिया

(संसदीय अधिनियमानुसार केन्द्रीय विश्वविद्यालय)
मौलाना मोहम्मद अली जौहर मार्ग, नई दिल्ली-110025



Department of Educational Studies
Faculty of Education

शैक्षिक अध्ययन विभाग
शिक्षा संकाय

معاونت تعلیمی مطالعات
فیکلٹی برائے تعلیم

Prof. Aejaaz Masih

Head

4 March 2021

Dr. Jyoti Bhola
Asstt. Professor
Hansraj College
University of Delhi

Respected Madam,

The Department of Educational Studies, is thankful to you for coordinating the internship programme at your Department/Centre/Institution from 1-10 February 2021. Your timely support and coordination for the programme is highly appreciated. We wish to look forward for your support in future too.

Thanking you,

Yours sincerely,

(Prof. Aejaaz Masih)

RAM LAL ANAND COLLEGE

DEPARTMENT OF ENGLISH



This is to certify that

Dr. Nabanita Chakraborty

was a resource person for a certificate course in
Renaissance Art

from **29 June, 2020-30 July, 2020.**

We are grateful to her for sharing her expertise.

Dr. R.K. Gupta
Principal

Dr. Deepti Bhardwaj
Course Coordinator

Dr. Urvashi Kuhad
Course Co-coordinator



**DAATH VOYAGE: AN INTERNATIONAL JOURNAL
OF INTERDISCIPLINARY STUDIES IN ENGLISH**

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Date: 25th April 2021

Letter of Appreciation

To
Dr. Nabanita Chakraborty
Associate Professor
Hansraj College
New Delhi
India

Dear Dr. Nabanita Chakraborty

On behalf of Team DAATH VOYAGE, we extend our heartfelt gratitude to you for accepting our invitation to deliver in the 14 Days Online Lecture Series on “Literature Across the Ages: Literary Schools/Movements” (April 11, 2021 to April 24, 2021) conducted under the aegis of *Daath Voyage: An International Journal of Interdisciplinary Studies in English* (ISSN 2455-7544).

Your lecture titled “Modern Age - III” delivered on April 20, 2021 has not only won high acclaim but also benefitted hundreds of scholars across the globe.

We greatly appreciate your support and look forward to a long and fruitful academic association with you

with warm regards

Dr. Saikat Banerjee

Editor-in-chief

CERTIFICATE OF APPRECIATION

Awarded To

DR. MONIKA KOUL

Associate Professor, Department of Botany
Hansraj College, University of Delhi

On 17th of August 2021

For your highly esteemed contributions over the years to mentoring students for participation in Science Technology Engineering and Mathematics (STEM) related projects that have won various awards at National and International Platforms such as the Initiative for Research and Innovation in STEM and the Regeneron International Science and Engineering Fair.



SHARON E KUMAR
CHIEF OPERATING OFFICER
EXEMPLAR EDUCATION LINKERS FOUNDATION



Millennium India Education Foundation

Regd. No. 8070/A

13 Community Centre, East of Kailash, New Delhi 110065

Ph 011-26472557/09810301261, Fax: 011-26219491, Email: mief2@rediffmail.com

06.08.2021

TO WHOM IT MAY CONCERN

MIEF wishes to thank and acknowledge the contribution of **Dr Monika Kaul** Asstt. Prof. Department of Botany Hans Raj College Malika Ganj Delhi for her contribution in creating awareness amongst the school children in Delhi NCR in our recently concluded project **How to keep our ecosystem healthy** “ during the year 2020-2021.

This project was Millennium India Education Foundation & National Council for Science & Technology (NCSTC) Division of Department & Science & Technology Govt. of India initiative

Dr Monika has been always helpful and resourceful academican to our organization implemented environment, earth sciences and climate related programs for more than a decade now. Our organization is indebted to her for her voluntary service to us.

MIEF is sure that Dr Monika will continue to provide her academic skills in all of our futuristic environment related awareness programs as well.

MIEF wishes **Dr Monika Kaul** success in her life and career.

Dr Uday Kakroo

Director

Ph 9810301261 (www.mief.in)

Members

Members of Young Academy of India

To become a member of Young Academy of India, please [apply here](#) and make sure to be part of our [Google Group](#). Current members of YAI are:



YAI Members

YouTube

Join Forum





circei
education co.

Certificate of Appreciation

Presented to

Naman Jain


Hansraj College, Delhi, India

in recognition of completion of the Internship program between
20 February, 2021 to 20 March, 2021

in the capacity of
Strategy & Planning Intern

at CIRCEI Education Services LLP. In the course of the internship, the individual's contributions to the company have been found to be excellent and noteworthy.

This letter is to recognize the efforts & commitment displayed by the individual in successfully planning & executing the assigned tasks & responsibilities. We will be delighted to work again in the future.


Chinmay Gundlur
Chief Executive Officer

(lived on the twenty second day of March, Two Thousand Twenty One)





Confederation of Empowerment Initiatives

Certificate of COMPLETION

This Certificate is Awarded to

Abhishek Pandey

for the remarkable performance and successful completion of the

CEI Research & Development Module in the topic – Impact Finance Instruments, Sustainable finance & Carbon Emission Reduction strategies

As part of **CEI Internship & Industry Mentorship Programme**

May 08, 2021

Mumbai



Salil Lahiri (Shri Bhajji),
Chief Executive Officer



follegeTM
-for college

Ref: 2K20/SMM/01

To Whomsoever It May Concern

This is to certify that **Aneesha Bajesaria** from Hansraj College interned at Follege in the Analyst Department from 1st June to 10th July.


During the tenure of her internship, we found her to be an efficient, hardworking & motivated team player who always stuck to the given deadlines.

She has a very good understanding of the end user and with her perseverant efforts she could do justice to her role. Her overall contribution has been a valuable asset to our company and she will continue to be so for whichever organisation she chooses to work for.

We strongly recommend Aneesha Bajesaria on professional grounds and wish her all the best in her future endeavours.

Abhinav Singh
CEO & Co-Founder

 hello@follege.com  <https://follege.com>

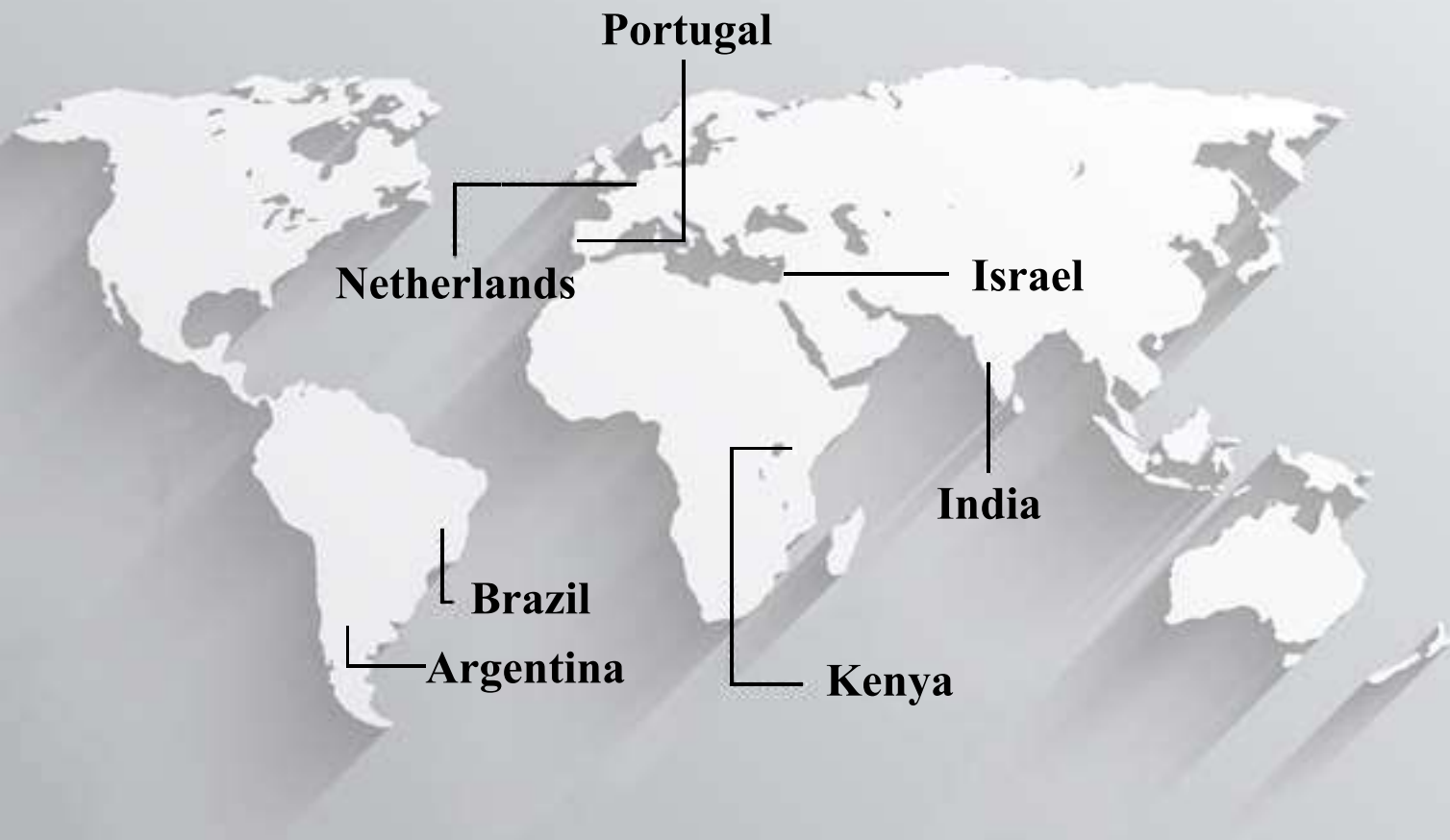
 E-5/30, Sector 16, Rohini, New Delhi -89

GLOBAL REPORT

2021 FIRST Semester Edition



Connected



LIGA DE
INVESTIMENTOS
Escola Politécnica - UFPA



Network India



Capital Market Club
Coller School of Management
Tel Aviv University



Erasmus
University
Rotterdam



Summary

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The Global Report is an international macroeconomics project that aims to share an economic vision written exclusively by students from various finance and business student associations from the world's leading universities. It is a unique opportunity to connect students and readers from a multitude of backgrounds, but who share the same passion in economics and finance.

After nine successful editions, the project's greatest ambition is still the same: to establish a periodic exchange of information between as many financial companies as possible, connecting five continents in a single document and providing a broad view of the economies of many countries, from their perspective, with reliable information and easy language to all readers.

The Global Report was idealized by the Brazilian Liga de Investimentos UFRJ in 2016 and since then, several participants around the world have participated in the project, such as finance associations from Sweden, United Kingdom, Switzerland, France, Russia, Colombia, South Africa, Portugal, Kenya, and others.

This Global Report was written by the Liga de Investimentos of the Federal University of Rio de Janeiro in Brazil; International Finance Student Association (IFSA) of Erasmus University Rotterdam in the Netherlands; International Finance Student Association (IFSA) India and Hansraj chapter of the University of Delhi; Collier Capital Market Club of the Tel Aviv University in Israel; UCEMA Finance Club of the Universidad del CEMA in Argentina, FEP Finance Club of the School of Economics and Management of the University of Porto in Portugal and Strathmore University Finance and Financial Economics Student's Association (SUF-FESA) in Kenya.

Enjoy the reading!



GLOBAL PHRASE MEDIA

GLOBAL PHRASE MEDIA

+919667537288, +919971934578

info.globalphrasemedia@gmail.com



globalphrasemedia



Global Phrase Media

LETTER OF RECOMMENDATION

Date: 13 June 2021

To: Nikhil Kriplani

In recognition of the completion of the live project between 6th February, 2021 to 6th March 2021 at Global Phrase Media. During the course of the Live Project the individual's contribution to the firm have been found excellent and noteworthy. This letter is to recognise the efforts and commitment displayed by the individual for successfully planning and executing the assigned roles and responsibilities. We will be delighted to work again in the future.

Signature:

Shradha Mundhra

Co-Founder

Global Phrase Media

Bhumika Bhatia

Co-Founder

Global Phrase Media





MegaMind Recru... 7/23/2020

to me ^



From MegaMind Recruiter •
careers@mymegaminds.com

To Sanya Handa • sanyahanda8@gmail.com

Date Jul 23, 2020, 3:25 PM

 Standard encryption (TLS).
[View security details](#)

Hi

Hope you are doing well

We are glad to inform you that you successfully crack the sample test. Now you can join our team as **“Freelance content writer/Assignment Help Tutor”**.

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We will pay you on the basis of the assignment you will complete.



12:02 .lll .lll .lll 1.00 Vo
KB/S LTE

42



MegaMind Recru... 7/16/2020

to me ▾



Hi

Hope you are doing well

We are glad to inform you that you successfully crack the sample test. Now you can join our team as **“Freelance content writer/Assignment Help Tutor”**.

On this profile you simply need to complete an assignment related to your preferred subject. We will pay you on the basis of the assignment you will complete.

To start working with us, you need to get registered on our website. You can register on our website by follow below mentioned steps:





MegaMind Recruiter 1 Mar

to me ▾



This is to certify that Mr. Sneh Saurav S/o Sh. Shailendra Kumar R/o Flat No - I/32, Nandbaba Tower, Ashiyana Garden Phase - 2 Extension, City - Bokaro Steel City, Distt. – Bokaro, State – Jharkhand –82701 is working as Subject Matter Expert (Chemistry) in Megamind Education & Welfare Pvt Ltd since 24th of September, 2020.

Sneh has exhibited utmost sincerity and dedication towards all the tasks assigned to him and has always delivered.

We wish Sneh the best of luck for his future endeavors and hope that he goes on to achieve the great things he is set to achieve!

Thanks

M K Kagra

(Senior Coordinator)

Megamind Educaion & Welfare Pvt Ltd

careers@mymegaminds.com

Mb No : +91 85809 04487

<https://www.mymegaminds.com/>

The 1st of March,2021

Project Reports

Hare Krishna Milk

Person of Contact(HareKrishna Milk) - Chaitanya Luthra

Person of Contact(Mark-It) - Aryan Gupta

Our Deliverables and Work Done

Implementation Plan Documents:

Mark-It, The Strategy Consulting Society of Hansraj College provided the client with detailed implementation plan documents which included Competitor Analysis, Conversion Strategies, Price Analysis, Packaging Practices under the ambit of Market Research in a mature market of A2 Milk.

Social Media Management:

Mark-It, The Strategy Consulting Society of Hansraj College assisted the client in the management of their Social Media Handles like Facebook & Instagram by curating content and developing the posts regularly as per requirements. A total of 7 posts were released with society's help.

Website Design & Development:

Mark-It, The Strategy Consulting Society of Hansraj College also provided the client with Website Design and Development Ideas including content curation, aesthetic display and layout. A total of 10 Website Ideas were presented.

AccioJobs

Person of Contact(Accio Jobs) - Multiple People

Person of Contact(Mark-It) - Ishika Jain

Our Deliverables and Work Done

Conducting Ground Research:

Our team conducted the ground-level research for the client to understand which sectors involved the majority of jobs, which tier dominates which college, what are the off-campus opportunities, what jobs are students looking for, what are skills needed for these jobs etc.

Pilot Surveys:

We also developed 2 Pilot Surveys and got 2041 responses for the same to understand the type of questions people usually ask related to employment and answers that the client sought for their service.

Analysing Results:

2

The team recorded all the past data related to at least 20 colleges across the Delhi University regarding the placements, calculated percentages and factors and analysed those results using Microsoft Excel while presenting it in Graphical Forms.

Providing Recommendations:

We finally provided the client with the appropriate course of action for their business establishment in the DU Circuit.



to Badri, sindhu@infisum.com ^

From IFSA Hansraj hansraj@ifsa-network.com

To Badri Narayanan Gopalakrishnan
badri@infisum.com

sindhu@infisum.com sindhu@infisum.com

Date 21 May 2021, 11:53 AM

Hello,

Please find attached our review of the Intra
GCC labour and capital movements. It also
includes an analysis of the TFP trends.

Thank you and take care.

Regards,
Team IFSA

...

IFSA GCCResear

From IFSA Hansraj hansraj@ifsa-network.com

To Sumathi Lalapet Chakravarthy
sumathi@infisum.com

Date 26 May 2021, 11:50 PM

Hello,

Hope you are safe and well.

Please find attached herewith our analysis and review of literature available relevant to the given prompt.

Please let us know if there is anything else we can do for you.

Thanks and Regards,
Team IFSA

...

Trade&GenderDis
parity_IFSA.pdf

VIR SOFTECH PRIVATE LIMITED

Registered Address: C-2/54, Ashok Vihar, Phase-II, DELHI-110052 | CIN: U74999DL2015PTC287465 |

PAN: AAFCV2886B | Phone: +91-120-4325497 | Email: corp@virsoftech.com

INTERNSHIP OFFER LETTER

Mark It – Hansraj College, University of Delhi

23rd November, 2020

SUB: LETTER OF OFFER OF INTERNSHIP

Dear Society Members,

Following our recent discussions, we are delighted to offer you Internship opportunity for Live Project with *Vir Softech Pvt. Ltd.*

As a member of *Vir Softech* team, we would ask for your commitment to deliver outstanding quality and results. In return, we are committed to providing you with every opportunity to learn grow and stretch to the highest level of your ability and potential. We are confident you will find this new opportunity both challenging and rewarding. The following points outline the terms and conditions we are proposing.

Internship Start Date: 23rd November, 2020

Exam Leaves: You would be solely responsible for taking permission from your college for this internship. We will consider legitimate preparatory leaves for your examination.

Compensation:

1. Base compensation of Rs.10,000 per month.
2. Added incentive of upto Rs.10,000 based on performance. If the performance is excellent and upto the mark, you would have a potential to reach a total compensation of Rs.20,000 each month
(This is an indicative compensation assuming all our projects are covered. It is subject to change based on your availability and involvement, reflected in the monthly transaction)
3. Certificate of Internship from the Organization on successful completion of the Live Project

Bandwidth: There is no defined number of hours you need to commit; however, you will be required to deliver the work or project assigned in the committed timeline.

Company Assets: You are expected to use your own laptop for the period for association. Company is not liable to provide you any assets.


Company confidential Information: All the information you access for the work on Vir Softech projects will be treated as company's confidential information by you. All the software code you develop for Vir Softech projects will remain sole IP of Vir Softech Pvt. Ltd. only.


Sincerely,

Deepak Garg
Digitally signed by Deepak Garg
DN: cn=Deepak Garg, o=Vir Softech Pvt. Ltd., ou=Director, email=deepak@virsoftech.com, c=IN
Location: New Delhi
Date: 2020.11.24 15:41:29 +05'30'

Deepak Garg
Managing Director
Vir Softech Pvt. Ltd.

With the signature below, I accept this offer for internship.

Signature _____  _____ Name Khyati Dahiya Date 24th November, 2020



Date:- 24-06-2021

TO WHOM-SO-EVER IT MAY CONCERN

It is our pleasure to write for Manuj Bengani, Hansraj College, Delhi who has worked with Aaris Internet Solutions Pvt. Ltd in the capacity of "Marketing Research Intern" for 2 months (from 19th April 2021 - 19th June 2021).

During the tenure of this internship, Manuj Bengani remained involved in the work. We found Manuj Bengani pretty active in whatever task we have provided. Manuj Bengani is professionally sound, hard-working and devoted.

In this tenure, Manuj Bengani helped the company to ideate upon the creation of a new product and also helped us in a detailed market research to determine the feasibility.

Manuj Bengani has the motivation to initiative tasks and Manuj Bengani has been helpful in the advancement of our organization.

We wish Manuj Bengani good luck in future endeavour.

For Aaris Internet Solutions Pvt. Ltd

Authorized signatory



Aaris Internet Solutions Pvt Ltd.

Sai Sangeet Building, B 108, Linking Rd, behind The Bose Store, Khar West, Mumbai,
Maharashtra 400052.



DOORSTOUR INTERNSHIP CONTRACT

This contract, dated on the 5th April, 2021, is made between DoorsTour and Mark-It Hansraj and is valid from 6th April, 2021 to 6th May 2021. This document concludes an employment agreement between these two parties and is governed by the laws of INDIA. WHEREAS the Employer desires to retain the services of the Employee, and the Employee desires to render such services, these terms and conditions are set forth. IN CONSIDERATION of this mutual understanding, the parties agree to the following terms and conditions:

Employment

The Employee agrees that he or she will faithfully and to the best of their ability carry out the duties and responsibilities communicated to them by the Employer. The Employee shall comply with all company policies, rules and procedures at all times.

Position

POWERED BY

As an employee, it is the duty of the Employee to perform all essential job functions and duties. From time to time, the Employer may also add other duties within the reasonable scope of the Employee's work.

Compensation

As compensation for the services provided, the Employee shall not be paid. The entire work will be work from home and reports meeting will be done twice a week. This will be an unpaid internship.

Benefits

The Employee has the right to participate in any benefits plans offered by the Employer. The employer will not provide bonus if the employee works extremely well by achieving all his/her targets.



Probationary Period

During this time if the Employer finds that the employee is not completing his targets then the employer has the right to terminate employment at any time without advanced notice.

Termination

It is the intention of both parties to form a long and mutually profitable relationship. However, this relationship may be terminated by either party after 1 month of employment. The Employee agrees to return any Employer property upon termination. Employer may terminate the relationship when found employee breaks any rule.

Non-Completion and Confidentiality

As an Employee, you will have access to confidential information that is the property of the Employer. You are not permitted to disclose this information outside of the Company.

During your time of Employment with the Employer, you may not engage in any work for an-other Employer that is related to or in competition with the Company. You will fully disclose to your Employer any other Employment relationships that you have and you will be permitted to seek other employment provided that (a.) it does not detract from your ability to fulfil your duties, and (b.) you are not assisting another organization in competing with the employer.

It is further acknowledged that upon termination of your employment, you will not solicit business or provide data or information from any of the Employer's clients for a period of at least 10 years.

Confidential Information: The Parties agree that information disclosed orally or in writing or made available by the Organisation ("DoorsTour") to another Party ("Employee"), including, but not limited to, information acquired from employees; trade secrets; strategic plans; invention plans and disclosures; customer information; computer programs; software codes; databases; suppliers; software ; distribution channels; marketing studies; intellectual property; information relating to process and products, designs, business plans, business opportunities, marketing plans, finances, research, development, know-how or personnel; confidential information originally received from third parties; information relating to any type of technology, and all other material whether written or oral, tangible or intangible, shall be deemed "Confidential Information". In addition, the existence and terms of this Agreement shall also be treated as Confidential Information. The parties agree that any Confidential Information disclosed prior to the execution of this Agreement during the



course of employment was intended to be and shall be subject to the terms and conditions of this Agreement.

Restrictions and Exceptions: The Employee agrees to maintain the confidentiality of the Confidential Information and to prevent its unauthorized dissemination or use for a period of ten (10) years from the date of last disclosure by the Company.

Non-Disclosure: The Employee expressly agrees that he/she shall not use Confidential Information provided by the Company in the development or delivery or for personal gain from providing of any products or services for his/her own account or for the account of any third party. The Employee shall protect the Confidential Information by using the same degree of care, but no less than reasonable care, to prevent the unauthorized use, dissemination or publication of the Confidential Information as the Employee uses to protect its own Confidential Information. The Employee shall limit its internal disclosure of the Confidential Information to only those employees and agents who have a need to know the information for the limited purpose of executing his/her job responsibility.

Ownership of Confidential Information: All Confidential Information, and all material items delivered by the Company to the Employee, remains the property of the Company and no License or other rights in the Confidential Information are granted to the Employee by this Agreement or by the act of disclosure.

Return of materials and documents: Upon the written request of the Company, the Employee shall return to it (or, at the request of the Company, erase or destroy) all materials that contain or embody any Confidential Information of the Company, including but not limited to all computer programs, documentation, financial statement, forms, notes, plans, drawings, customer information and copies thereof. Return or destruction of such material shall not relieve the Employee of its obligations of confidentiality. Upon the request of the Company, the Employee will certify that it has complied with the provisions of this paragraph.

Non-Circumvention: The Employee agree to not circumvent the Company and work with business associates, clients, and other third party vendors introduced by the Company. This non-circumvention provision shall expire at the end of two (2) years from the termination of this Agreement.



Non-Solicitation: For a period of two (2) years after the termination of this Agreement, the Employee agrees that he/she will not solicit for work, or provide service or advice or assist others with the opportunity to do the same, any Client of any the Company.

No Tampering: While Employee is employed by the Company and for two year following the termination of Employee's employment with the Company, the Employee shall not (a) re-request, induce or attempt to influence any supplier of goods or services to the Company to curtail or cancel any business they may transact with the Company; (b) request, induce or attempt to influence any customers of the Company that have done business with or potential customers which have been in contact with the Company to curtail or cancel any business they may transact with the Company; or (c) request, induce or attempt to influence any employee of the Company to terminate his or her employment with the Company.

Remedy: The Employee hereby acknowledge that unauthorized disclosure or use of Confidential Information or a breach of this Agreement is a fraud perpetrated on the Company, which could cause significant and irreparable financial harm. Accordingly, the Employee agree that the Company shall have the right to seek and obtain injunctive relief from breaches of this Agreement in addition to any money damages in excess of Rs.10 lakh per each instance of breach of agreement, other rights and remedies it may have from a court of competent jurisdiction.

Termination: This Agreement shall survive and remain in effect and expressly terminated in writing and signed by all Parties, or until two (2) years from the date of termination of employment between the Company and the Employee.

General: This Agreement contains the entire agreement between the parties, and supersedes any prior written or oral agreements between them concerning the subject matter contained herein. The provisions of this Agreement may be waived, altered, amended or repealed, in whole or in part, only upon the written consent of all parties. The waiver of any party of a breach or violation of any provision of this Agreement shall not operate as or be construed to be a waiver of any subsequent breach hereof. This Agreement constitutes the product of negotiations of the parties hereto and any enforcement hereof will be interpreted in a neutral manner and not more strongly for against any party based upon the source of this Agreement. If any provision of this Agreement shall be held invalid or Unenforceable by a court of competent jurisdiction, the remaining provisions hereof shall continue to be fully effective.



Entirety

This contract represents the entire agreement between the two parties and supersedes any previous written or oral agreement. This agreement may be modified at any time, provided the written consent of both the Employer and the Employee.

Legal Authorization

The Employee agree that he or she is fully authorized to work in India and can provide proof of this with legal documentation. This documentation will be obtained by the Employer for legal records.

Severability

The parties agree that if any portion of this contract is found to be void or unenforceable, it shall be struck from the record and the remaining provisions will retain their full force and effect.

Jurisdiction

POWERED BY

This contract shall be governed, interpreted, and construed in accordance with the laws of India. In witness and agreement whereof, the Employer has executed this contract with due process through the authorization of official company agents and with the consent of the Employee, given here in writing.

Accepted and authorised by DoorsTour

Point of Contact

DoorsTour

Date – 6th April 2021

Point of Contact

Mark-It Hansraj



17-08-2020

TO WHOM IT MAY CONCERN

Aneesha Bajesaria

Subject: Internship Certificate Letter

This is to certify that **Aneesha Bajesaria** bearing Code: VB-20081003 has successfully completed an internship with Visible Body Pvt Ltd. as a Marketing Research Intern in the Business Development Department from 13th June 2020 to 13th August 2020.


During the course of the internship, she has gained several learnings in the field of Medical EduTech based on 3D Technologies and developed multiple skills such as Communication, Attention to detail, Critical thinking, Technical skills, Collection and Analysis of Data.

Besides showing high comprehension capacity, managing assignments with the utmost expertise and exhibiting maximal efficiency, she has also maintained an outstanding professional demeanour and showcased excellent moral character throughout the internship period.

I hereby certify her overall work satisfactory to the best of my knowledge.

Wishing her the best of luck for her future endeavours.

For **VISIBLE BODY PVT LTD.**



Director-Admn



सरदार स्वर्ण सिंह राष्ट्रीय जैव-ऊर्जा संस्थान
Sardar Swaran Singh National Institute of Bio-Energy

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)
(An Autonomous Institute of Ministry of New and Renewable Energy, Government of India)



पूर्व में: 'सरदार स्वर्ण सिंह राष्ट्रीय अक्षय ऊर्जा संस्थान' / Formerly: 'Sardar Swaran Singh National Institute of Renewable Energy'
जालंधर-कपूरथला रोड, वडाला कलां, कपूरथला (पंजाब) 144601 / Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab)-144 601.
दूरभाष/Phone.: 01822-507403, 255542 फैक्स/Fax: 01822-255545, ई.मेल/E-mail: director@nire.res.in, वेबसाइट/website: nire.res.in

*Dr. Sachin Kumar, Deputy Director
Biochemical Conversion Division*

Dated: 03/05/2021

To

**The Project Vriddhi
Enactus Hansraj College**

Subject- Appreciation for remarkable contribution through Restove.

Dear students,

I would like to thank team Vriddhi for their excellent contribution towards establishing household biogas plant through their vertical Restove. I got a chance to get associated with the project very closely and supervised all it's functioning to it's implementation.

I offer you my heartiest congratulations on successfully establishing your first biogas plant at Rohini, Delhi. I firmly believe that youth play the greatest role in initiating change and I appreciate your efforts for replacing polluting sources of energy with your biogas plants, taking us a step closer towards Green India.

I thank you for your commitment and dedication towards the cause, and salute your efforts to influence this positive change. I look forward to working with you to ensure that the culture of initiative and innovation that you exemplify, becomes synonymous with clean energy in India.

Thank you

Best wishes

(Sachin Kumar)



BUSINESS ADVISORY BOARD

MEMORANDUM OF UNDERSTANDING

This Document is a Memorandum of Understanding for all the members of the Enactus Hansraj's Business Advisory Board. It will serve as the guiding document for the operation of the Advisory Board.

1. Term

This agreement shall come into force from the date it is duly signed by both the parties. Either Party may terminate this Agreement for any reason with 30 days written notice to the other Party.

2. Purpose

The Enactus Hansraj Business Advisory Board will support the team in teaching and igniting students to create better futures for themselves and their communities by providing strategic guidance in how to achieve the team's mission statement and main objectives.

3. Roles and Responsibilities

The Business Advisory Board (BAB) is responsible for advising the team on issues of strategic importance. To fulfil this advisory role, the BAB is responsible for the following areas:

1. Provide strategic guidance and mentorship in determining the team's mission statement and main objectives
2. Support Enactus Hansraj's long term goals and objectives
3. Assist the team in identifying and addressing areas of opportunity, potential risks, challenges and emerging local trends
4. Support the creation of partnerships, sponsorships and other strategic links between the team, other organisations and business leaders in the community
5. Review the team's financial statements, just as a means of checks and balances
6. Provide feedback on projects, and assistance in competitions and presentations.

4. Communication

Mode of Communication

The communication between both the parties shall entirely take place over phone calls and e-mails, and if possible, physical meetings.

Procedure

The meetings will tentatively take place once a week. Members of the BAB shall be intimated prior to the date of engagement. The agenda for the engagement would be shared by Enactus Hansraj, on the approval of which a mutually suitable date and time can be decided for the meeting. Resource sharing may take place over text in between.

5. Accountability

Accountability

As the Business Advisory Board makes recommendations rather than decisions, hence Enactus Hansraj is ultimately accountable for its own actions.

Responsibility

Despite not making official decisions, the Business Advisory Board is expected to act responsibly. To demonstrate this, BAB members must consistently:

1. Abide by the terms established in this MoU between the Advisor and Enactus Hansraj
2. Exercise due diligence, using a level of judgment and care that a person would reasonably be expected to do under particular circumstances
3. Act in good faith, in the best interest of Enactus Hansraj
4. Avoid conflicts of interest
5. Be diligent with regard to BAB meetings and obtaining information
6. Respect confidentiality

6. Confidentiality and Public Relations

Confidentiality

As Business Advisory Board members are expected to be open and candid in the discussion of strategic issues, it is important to maintain confidentiality by not disclosing information or views expressed by individuals. The results of Business Advisory Board evaluations and other such

The term “Confidential Information” shall include any and all knowledge, data or information in whatever form (tangible or intangible), relating to Enactus Hansraj and its products, businesses, financial, marketing or those of any third party from whom Enactus Hansraj receives information on a confidential basis, whether written, graphic or oral, furnished to Member by or on behalf of Enactus Hansraj, either directly or indirectly, or obtained or observed by Member in connection with the Purpose.

Nothing herein shall be deemed to restrict Enactus Hansraj use of its own confidential information. Further, members of the BAB agree to use Enactus Hansraj’s confidential information solely in connection with the purpose as set forth in this Agreement.

Written Records

The minutes and other written records will respect the principle of non-attribution. Deliberations will remain confidential until there is a general agreement and consensus.

7. No Modification Unless in Writing

No modification of this Agreement shall be valid unless in writing and agreed upon by both Parties.

8. Signatures

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.

Mr Sarthak Agarwal, President, Enactus Hansraj

4/15/2021

[Date]

Sarthak Aggarwal

[Name]



[Signature]

Mr Akhileshwar Vaid

4/15/2021

[Date]

Akhileshwar Vaid

[Name]



[Signature]

Memorandum of Understanding

Enactus Hansraj and Enactus Munich

This Memorandum of Understanding (MoU) sets for the terms and understanding between Enactus Munich and Enactus Hansraj for the successful implementation of a biogas division under joint partnership in India.

Background

This partnership is crucial because it meets the objectives of both the parties, which is to ensure that those who are underprivileged people living in rural India, have access to sustainable energy sources, thereby preventing indoor air pollution caused by using firewood for cooking and other activities.

Purpose

This MoU defines the partnership between the two parties in undertaking the responsibility of combining resources for the development of a sustainable venture and the successful conduct of awareness campaigns and community development sessions.

Reporting

- The day-to-day activities will be managed by a community supervisor.
- The team at Enactus Hansraj will carry out regular visits to oversee operations and ensure smooth functioning.
- Monthly reports will be done by both the parties which will contain all relevant details of that month's operations.

Duration

This MoU is at will and may be modified by the mutual consent of authorized officials from Enactus Munich and Enactus Hansraj. This MoU shall become effective upon signature by the authorized officials from the two parties. This MoU may be terminated, in case of non-satisfaction, by either party upon a written notice of one month.

The aforementioned goals will be accomplished by undertaking the following activities:

Deliverables by Enactus Munich

1. Supplying a detailed construction plan for the biogas plants and supervising the construction for the first plant.
2. Training locals in India with Enactus Hansraj to further operate these plants.
3. Pre-financing first plants and providing a financial concept for scaling up the venture.
4. Supplying concepts, material, know-how and finances for marketing and awareness campaigns.
5. Providing a concept for a long-term sustainable business to be run by local entrepreneurs.

Deliverables by Enactus Hansraj

1. Providing access and insights about the target group (local farmers).
2. Recruitment of workers for building the plants in Indian villages.
3. Providing suitable space for building the first prototype.
4. Supervision of the entrepreneurs and the plants established.
5. Conducting awareness campaigns and marketing the plants with Enactus Munich.
6. Support in handing over the business to our entrepreneurs in the long-run.

SIGNED AND ACCEPTED

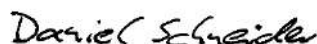
FOR ENACTUS MUNICH

Date: 17th July 2020

Name: Daniel Schneider

Position: reStove Project Leader

Contact Number: +49 157 88583814



Signature

FOR ENACTUS HANSRAJ

Date: 19th July 2020

Name: Prakshi Gambhir

Position: President

Contact Number: 9958493584



Signature



ENACTUS HANSRAJ : NDA SIGNED



me 4 Apr
to bnair72 ^



From Ritvik Gupta ritvikgupta3@gmail.com

To bnair72@yahoo.com

Date 4 Apr 2021, 12:57 PM

Hello sir , this is the NDA .All the members who will be attending the meeting at 3.30 pm their names and signatures have been put and only the names of those members have been put who will not attend the meeting but be involved in the process if we get into further talks .

Warm Regards

...

NDA-draft.docx



Docs

↩ Reply

➦ Forward

6:56

VoLTE 4G+ 52%



the process and practice with your team

- **Proposal 3:**

You ask us to make document, video and also come and physically train your team, suggest the infrastructure for production. This will require a budget of Rs2-4 lakhs.

Note: All materials and courier costs for things sent by you will be borne by you. What we send, we will bear the cost.

Disclaimer:

Dyeing is a skill that is acquired by practice and skill, we cannot predict how long will your team take to perform it. You may need to check out of the team you identify who are taking to it and who are not. This is something you have to put your energy into and we can't take any responsibility for that. Usually one-two weeks of training is good to get started. Practicing on 20-30 meters is required before going on for production. These are very approximate figures, the actuals will depend on what you want as a result and how good the person is at his/her skill.

It is good to have one dyer on the team even if he does chemical dyeing for production purpose, as a dyer has expertise on handling dyeing problems. All this depends on how big or small you wish to grow this. My suggestion is to start small and scale up if team succeeds. Scaling will involve changes in training and process and we'll talk about it when we cross that bridge.

Best,

Namrata Bhutoria
Color Ashram Foundation &
BiomeConsciousFashion
www.colorashram.com



6:56

VoLTE 4G+ 52%



well.

3. You can give your own fabrics that you would like to work on or if you have a budget in mind for stoles, ask us for alternative in organic cotton. However, if your fabrics don't give good results, we might recommend other fabric as natural dyes have affinity to some and less on some. This is because you want to sell them.
4. We hand you the document - written and video and you try it by yourself in your space and infrastructure.

• **Proposal 2: Budget: Rs.25-30,000**

1. After the doc is ready, you or your team comes here in AHmedabad for 2-3 days for training.
2. You take the training to your team and set up the process and practice with your team

• **Proposal 3:**

You ask us to make document, video and also come and physically train your team, suggest the infrastructure for production. This will require a budget of Rs2-4 lakhs.

Note: All materials and courier costs for things sent by you will be borne by you. What we send, we will bear the cost.

Disclaimer:

Dyeing is a skill that is acquired by practice and skill, we cannot predict how long will your team take to perform it. You may need to check out of the team you identify who are taking to it and who are not. This is something you have to put your energy into and we can't take any responsibility for that. Usually one-two weeks of training is good to get started. Practicing on 20-30 meters is required before going on for production. These are very approximate figures, the actuals will depend on what you want as a result and how good the person is at his/her skill



6:56

VoLTE 4G+ 52%



Dear Vanshika and team

After discussion with my team, this is what we can offer as proposals, choose what suits your need and budget. Lakshmi is added in cc in this mail. You can make a call with her if you have any queries after reading this mail, or she may contact you further too. Her number is 9566021478.

• **Proposal 1. Budget: Rs.15-20,000**

Take a training workshop on eco-printing with temple flowers and work the whole project with your community independently.

Steps:

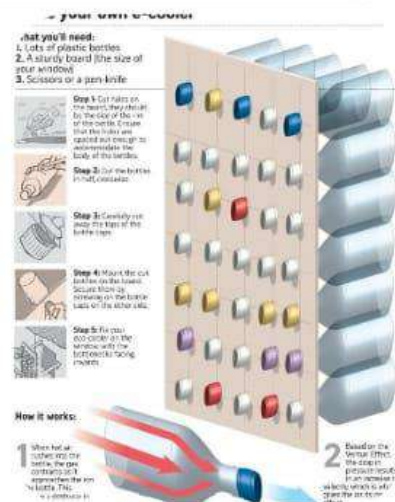
1. We will send you a questionnaire and you need to fulfill it in writing as well as some on field research to fulfill the purpose. The idea is to understand the raw material, starting quantity and decide on one product for now- stoles.
2. You will then send us the actual raw material in the quantity we ask you to, and we will take 15-20 days from the time we receive, to work out a solution that can give 2-3 colors per flower for eco-printing, or mix to make a dye ..we will see what solution will work best on a stole. The mordant and auxiliaries will be our standardised product for the result we work out, that you will have to purchase from us. We would like to see your potporrie samples as well.
3. You can give your own fabrics that you would like to work on or if you have a budget in mind for stoles, ask us for alternative in organic cotton. However, if your fabrics don't give good results, we might recommend other fabric as natural dyes have affinity to some and less on

**Marco Barduco**

marcobarduco



I am a member of Enactus Hansraj from india. Worlds Top 4 Teams. We are working on a project of eco coolers and it's a very famous in Bangladesh. We have conducted its trial but it's not reducing the temperature. So could you guide us why our prototype got failed ? What's going wrong in making or scientific process?



hello, no problem, this afternoon as soon as I can I try to understand what would be the reason why it doesn't work .. is this drawing your reference scheme or do you



Message...



6:43 ↗



< 96



Vriddhi x Aditya Sir

Anvi (hansraj), Japneesh, Kh...



be really helpful!

5:04 PM ✓✓

Sun, 26 Sep

+91 96436 59919

~Aditya Arora

You

Hello sir, so sorry we couldn't do the meeting in the previous week, we are a little caught up with our preparation for the Race for cli...

Wow

That is amazing guys.

Congratulations

1:08 PM

I am ecstatic to hear, monitor and guide the efforts of Team Enactus Hansraj - as they work on verticals of sanitation, stubble and art through Project Vriddhi. The enthusiasm of students and the potential of the project, not only has the power to change the world but also to inspire millions around.

1:11 PM

4:58

VoLTE 4G+ 71%



Naresh Sir Kuch...

online



Hello

6:22 PM

Hello

6:23 PM ✓✓

Can I call you tomorrow morning to discuss all details for the workshop?

6:24 PM ✓✓

Ok

6:24 PM

On Wednesday 4-6

6:24 PM ✓✓

Thank you so much

6:24 PM ✓✓

July 21, 2021

Join our Cloud HD Video Meeting

Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud pl...
zoom.us

Vanshika Gupta is inviting you to a scheduled Zoom meeting.

Topic: Vanshika Gupta's Personal Meeting Room

Join Zoom Meeting

<https://zoom.us/j/3882464710?pwd=YjB6cDJxREZac1AxWlJUM2NWN16Zz09>



Message



9:06



< 97



Sharan Kaur (Pau)



Hello maam ,this is ritvik gupta from
Hansraj college (Delhi university)

6:06 PM ✓✓

➡ Forwarded



pdf Project Vridhhi Proposal.pdf

17 pages • 6.4 MB • pdf

6:06 PM ✓✓

This is the ppt of our whole project

6:06 PM ✓✓

<https://youtu.be/6fvJAuaRzJo>

6:08 PM ✓✓

And maam this is the video of our
project

6:08 PM ✓✓

Hi Ritvik, appreciate the project you
all are working upon.

7:01 PM

Thank u maam 😊

7:01 PM ✓✓

Will let you know in a day or two
when we can meet online

7:01 PM



Sure maam

7:02 PM ✓✓



< 63



Sudhara

last seen Fri at 3:49 PM



6 pages • 346 KB • pdf

6:36 PM ✓✓

Wed, 14 Jul



POTPOURRI (1).pdf

3 pages • 1.8 MB • pdf

2:19 PM ✓✓



LINEN.pdf

6 pages • 346 KB • pdf

2:19 PM ✓✓

Can you send me in bullet points the things you require/the things we just discussed

2:21 PM

Yeah sure ma'am ,I'll send you all the points in sometime .

2:22 PM ✓✓

Greetings from Enactus, Hansraj college !
Hope that you are doing well.

I am Rushil Gupta from Enactus, Hansraj College, Delhi University. We are a team of 60+ members, working for the upliftment of the underprivileged sections of the society, through the medium of social entrepreneurship.



Enactus Hansraj - Collaboration to help rural community

rushil gupta <rushilgupta6@gmail.com>
To: gulmeher@gulmeher.com

Fri, Jul 2, 2021 at 5:11 PM

Greetings from Enactus, Hansraj college!
Hope that you are doing well.

I am Rushil Gupta from **Enactus, Hansraj College**, Delhi University. We are a team of 60+ members, working for the upliftment of the underprivileged sections of the society, through the medium of **social entrepreneurship**.

Enactus Hansraj has recently started working on a **Project related to flower waste from temples**, which was ideated and conceptualized to **curb flower waste pollution** in India by utilising it for productive purposes like

- Making Potpourri with the help of a dehumidifier.
- Making scarves and dupattas by dying and imprinting cloth using natural dyes.

We want to collaborate with you so that we can teach the community of Ghazipur how to make more products from floral waste and help them in providing more employment opportunities through this process.

Our main aim is to teach the community how to make these products, provide them with training and development sessions, hence diversifying their skill set and making them financially independent.

Apart from teaching the community new products, we will also help in selling existing products that the community is making from flower waste like Holi colours, candles, paintings etc through social drives. We will sell all these products through both online channels – Social Media Handles as well as offline channels – Exhibitions, fests etc.

We'll be glad if we could make a visit to your community centre in the upcoming weeks and interact with the community and try to understand their problem in more detail.

Currently we have made some prototypes and we'll be improving and diversifying into new varieties in the upcoming months.

Hoping to hear back from you!

Warm Regards
Rushil gupta
9599977761
Enactus Hansraj
Head, Research and Development

Enclosures:

- 1) Catalogue of our prototypes:
a. Linen
b. Potpourri

2 attachments

 **LINEN.pdf**
338K

 **POTPOURRI (1).pdf**
1805K



Regarding Enactus Hansraj projects

1 message

vanshika gupta <vanshikagupta9d@gmail.com>
To: raadhashalini@gmail.com

Sun, Jun 27, 2021 at 1:47 PM

Greetings from Enactus, Hansraj College!
Hope that you are doing well.

I am Vanshika Gupta from **Enactus, Hansraj College**, Delhi University. We are a team of 60+ members, working for the upliftment of the underprivileged sections of the society, through the medium of **social entrepreneurship**.

Enactus Hansraj has recently started working on a **Project related to flower waste from temples**, which was ideated and conceptualized to **curb flower waste pollution** in India by utilising it for productive purposes like

- Making Potpourri with the help of a dehumidifier.
- Making scarves and dupattas by dying and imprinting cloth using natural dyes.

Our aim is to collaborate with Individuals, Ngos and organizations who can help us know more about the process of dying as well as help us in impacting a rural community by providing them employment opportunities through this process.

Currently we have made some prototypes and need your help to know how we can improve it and understand the process better.

OTHER PROJECT IDEAS:

We are also ideating on making Macrame products using banana fiber rope and have thought of making various products out of textile waste. It would be great if you could help us in product development and training for these as well by connecting us to suitable artisans.

Warm Regards
Vanshika gupta
8171061000
Enactus Hansraj
Head, Research and Development

Enclosures:

- 1) Catalogue of our prototypes :
 - a. Linen
 - b. Potpurri

Memorandum of Understanding (SR-Asia/Hansraj Enactus/2021)

Entered into this day of 02nd of June, 2021

By and between

Social Responsibility Asia (The First Party)

Having its registered office at New Delhi India, and Corporate office address at 4th Floor Corporate Suite -25, Ansal Plaza Mall, Sector-1 Vaishali, Ghaziabad, 201012 UP India

And

Hansraj Enactus (The Second Party)

Having its registered office at Hansraj College, University of Delhi, Malka Ganj, Delhi, 110007

WHEREAS

THE FIRST PARTY

1. The FIRST PARTY is known as Social Responsibility Asia, or "SR Asia", and legally registered in India as a not-for-profit company in the year 2012 with a CIN No.U93000DL2012NPL231376, certified as an ISO 9001:2015 company that promotes social responsibility, sustainability, and sustainable development through a wide range of activities, such as but not limited to training, community development project implementation, need assessment, impact assessment, midterm and concurrent evaluations, sustainability report development, consultancies, researches, and AA1000AS assurance services.
2. Headquartered in India, THE FIRST PARTY has its footprints in Asian countries, and is:
 - a. A networking organization comprising of experts and organizations working on sustainability and sustainable development issues and areas across Asian countries and beyond.
 - b. A professional network of social responsibility professionals based out of Asia, creating benchmarks and new standards in the field of social responsibility.
 - c. An organization that provides and shares social responsibility solutions for shaping the modern day world and political agenda on sustainability, sustainable development, and business competitiveness.
 - d. Committed to drive the Asian countries through its scientific research, subject competence and policy level interventions with government and involvement of each and every stakeholder to create a sustainable Asia.
 - e. Working closely with government agencies, academia, institutions, civil society organizations, and business support organizations.



f. A member of United Nations Global Compact (UNGC) network, International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) Japan, and affiliated to Asian Productivity Organization (APO) Japan and committed to work national productivity organizations in the respective countries to complement sustainable productivity.

g. A licensed partner (number: 0174) of Accountability UK and is authorized to promote, conduct and execute assurance services, stakeholders engagements, and trainings on AA1000 Accountability principles and standard series.

THE SECOND PARTY

Enactus is an international not-for-profit organization, incorporated in October 2012, which is resolute to empower people and improve livelihoods while developing the next generation of value-driven entrepreneurial leaders and social innovators. It provides a forum for over 70,000 young future leaders across 36 countries to create impactful programmes.

Enactus Hansraj is a not-for-profit student-run organization consisting of dedicated and driven new-gen leaders from one of the most prestigious colleges in the DU circuit. It shares the mutual aim of creating a better and more sustainable world through the positive impact of entrepreneurship.

Seeking to bring about formidable changes in society, Enactus Hansraj, a team of 65 passionate student leaders take the issues that plague the society and intersperse business and philanthropy to aid those in need as well as guide and inspire the deprived through our ingenuity and expertise that we develop over time. Enactus students use the positive power of business and innovation to address the social issues affecting the world through diverse and fresh perspectives to create a better, more sustainable world.

Enactus Hansraj has undertaken several projects namely Ahsaas, Armaan, Aangan, Mithaas and Vriddhi, etc. with an aim to grow more radical with each passing day so as to make the entire human race believe in the ever burgeoning power of social entrepreneurship. It does not only inspire social change but has also actively played a significant role in sensitizing the community.

THE PARTIES


1. "THE PARTIES" refer to THE FIRST PARTY and THE SECOND PARTY.
2. THE PARTIES enter into this Memorandum of Understanding, to promote sustainability and self-employment of physically disabled individuals as a core subject.
3. THE FIRST PARTY, following this Memorandum of Understanding, agree to accept the proposal of THE SECOND PARTY to help them in Project AHSAAS.

ROLES AND RESPONSIBILITIES

The First Party

The first Party is responsible for advising Project AHSAAS on issues of strategic importance. To fulfil this advisory role, the first party is responsible for the following areas:

1. Provide strategic guidance and mentorship in determining the team's mission statement and main objectives



2. Support Enactus Hansraj's long term goals and objectives
3. Assist the team in identifying and addressing areas of opportunity, potential risks, challenges and emerging local trends
4. Support the creation of partnerships, sponsorships and other strategic links between the team, other organizations and business leaders in the community
5. Due to Enactus Hansraj being an unregistered organization, helping in procurement of CSR funds and other grants. Channelizing these funds towards Project AHSAAS.
6. Provide feedback on projects, and assistance in competitions and presentations.

The Second Party

1. Support and respect SR Asia's vision, mission, code of conduct, and values, as well as supports SR Asia's international strategies, approaches, and activities.
2. Assist SR Asia by providing team of students for research work, conducting surveys, content writing, Ideation, market analysis, cost benefit analysis etc. relating to the Project Ahsaas or Enactus Hansraj.
3. THE SECOND PARTY is solely responsible for its impacts from business decisions and operations.

Communication

Mode of Communication: The communication between both the parties shall entirely take place over phone calls, e-mails, virtual meetings and if possible, physical meetings.

Procedure

The meetings will tentatively take place once a month. Members shall be intimated prior to the date of engagement. The agenda for the engagement would be shared by Enactus Hansraj, on the approval of which a mutually suitable date and time can be decided for the meeting. Resource sharing may take place over text in between.

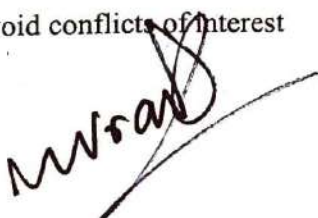
Accountability

As the Business Advisory Board makes recommendations rather than decisions, hence Enactus Hansraj is ultimately accountable for its own actions.

Responsibility

Despite not making official decisions, the Business Advisory Board is expected to act responsibly. To demonstrate this, first party members must consistently:

1. Abide by the terms established in this MoU between the first party and second party
2. Exercise due diligence, using a level of judgment and care that a person would reasonably be expected to do under particular circumstances
3. Act in good faith, in the best interest of Enactus Hansraj
4. Avoid conflicts of interest



5. Be diligent with regard to meetings and obtaining information
6. Respect confidentiality

Confidentiality and Public Relations

As First Party is expected to be open and candid in the discussion of strategic issues, it is important to maintain confidentiality by not disclosing information or views expressed by individuals. The results of first party evaluations and other such practices will also be kept confidential

The term "Confidential Information" shall include any and all knowledge, data or information in whatever form (tangible or intangible), relating to Enactus Hansraj and its products, businesses, financial, marketing or those of any third party from whom Enactus Hansraj receives information on a confidential basis, whether written, graphic or oral, furnished to Member by or on behalf of Enactus Hansraj, either directly or indirectly, or obtained or observed by Member in connection with the Purpose. Nothing herein shall be deemed to restrict Enactus Hansraj use of its own confidential information. Further, members of the SR Asia agree to use Enactus Hansraj's confidential information solely in connection with the purpose as set forth in this Agreement.

No Modification Unless in Writing


No modification of this Agreement shall be valid unless in writing and agreed upon by both Parties.

TERMS

1. This agreement shall come into effect from the Fifteenth of May two thousand twenty one (the 2nd of June, 2021)
2. This agreement can be extended with the consent of both parties subject to the performance and governance and principles of this MoU.
3. Either Party may terminate this Agreement for any reason with 30 days written notice to the other Party.

Signatures

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU as set forth herein.



25/6/2021

The first party

Name: Birendra Raturi
Title: SR Asia International Director
Address: 4th Floor Corporate Suite -25,
Ansal Plaza Mall, Sector-1 Vaishali,
Ghaziabad, 201012 UP India
Phone: +91 98100 59109
Email: srasia.india@gmail.com



The second party

Name: Ms Alka Kacker
Title: Convener, Enactus Hansraj
Address: Hansraj College, University
of Delhi, Malka Ganj, Delhi-110007
Phone: +91 9811600001
Email: alkakacker@gmail.com



PŘIHLÁŠKA VYNÁLEZU se žádostí o udělení patentu

Pořadové číslo: D21085579

(Vyplní Úřad)

Spisová značka přihlášky: PV 2021-408

Potvrzení o přijetí vydáno dne: 03.09.2021 16:43:28

MPT

Vyřizuje

Kód

DRUH PŘIHLÁŠKY

Typ přihlášky

národní

Druh přihlášky

Nová přihláška vynálezu

NÁZEV VYNÁLEZU

Látky na bázi ftalimidu s antiprotozoální aktivitou a jejich použití při terapii

PŘIHLAŠOVATEL

1 Právnícká osoba: Univerzita Karlova, Ovocný trh 560/5, 11000 Praha 1, Staré Město, Česká republika

Další identifikační údaje

IČ: 216208

Přihlašovatel je i původcem

Ne

2 Právnícká osoba: University of Delhi, Hansraj College, Delhi University Enclave, 110007 Delhi, Indie

Přihlašovatel je i původcem

Ne

PŮVODCE

1 Zoltner Martin, Ph.D., Lesní 114, 25226 Kosoř, Česká republika

Další identifikační údaje

Dat.nar.: 30.09.1972

Pokud si původce nepřeje být zveřejněn - vyplňte "ANO"

Ne

2 Zahedifard Farnaz, M.Sc., Ph.D., Tesaříkova 1026/13, 10200 Praha 10, Hostivař, Česká republika

Další identifikační údaje

Dat.nar.: 10.09.1976

Pokud si původce **nepřeje být zveřejněn** - vyplňte "ANO"

3 Rathí Brijesh, PhD, Ashok Vihar Phase 1, 110052 Delhi, Indie

Pokud si původce **nepřeje být zveřejněn** - vyplňte "ANO"

4 Sharma Neha, Naharpur Rupa Gurgaon 82, 122001 Haryana, Indie

Pokud si původce **nepřeje být zveřejněn** - vyplňte "ANO"

5 Bansal Meenakshi, Railway Road Dadri 100, 203207 Uttar Pradesh, Indie

Pokud si původce **nepřeje být zveřejněn** - vyplňte "ANO"

ZÁSTUPCE

1 Fyzická osoba: MACHU IP | patentová kancelář, Mgr. Machů Matěj, Ph.D., Václavské náměstí 804/58, 11000 Praha 1, Nové Město, Česká republika
Tel. :+420731508003, Fax: +420226015481, Email: matej@machuip.cz, Dat.schr.: mi344mh

Další identifikační údaje

IČ: 5668026, Ev.č. KPZ ČR: 461

Na základě plné moci bude proveden u spisu zápis zástupce a plná moc nebude uložena jako prezidiální

Počet patentových nároků

PODNIKOVÝ VYNÁLEZ

Jedná se o PODNIKOVÝ VYNÁLEZ

NABÍDKA LICENCE

SEZNAM PŘÍLOH

Typ přílohy	Soubor
Patentové nároky <small>otisk přílohy (sha1): 6487da94e76c702698a7b4e4e3314ff59da5b620</small>	Patentové nároky.docx
Anotace <small>otisk přílohy (sha1): 838ecb9bdb424236bc34c58818ad5ffe5e2fadd4</small>	Anotace.docx
Výkresy <small>otisk přílohy (sha1): 5d8271c3ab9b6f75782170f94848906c456a04ea</small>	Výkresy.pdf
Obrázek k anotaci <small>otisk přílohy (sha1): c298f3c49ec6ee804a50968bda94f397b5c683d4</small>	Obrázek k anotaci.jpg
Popis vynálezu <small>otisk přílohy (sha1): 452a045bbece3738bcb7c80f5a8c955d4ac1af88</small>	Popis.docx

ŽÁDOST O ÚPLNÝ PRŮZKUM

ŽÁDÁM O PROVEDENÍ ÚPLNÉHO PRŮZKUMU u této přihlášky vynálezu podle zákona č. 527/1990 Sb., o vynálezech

Ano

O úplný průzkum lze požádat buď při podání přihlášky (výběrem ANO/NE ve formuláři) nebo formou samostatné žádosti kdykoli během následujících 36 měsíců.

SOUHLAS S PŘEDÁNÍM VÝSLEDKŮ REŠERŠE pro účely Pravidla 141 EPC přímo

Ano

Vysvětlivky (poznámka):

V případě, že budete z této přihlášky nárokovat právo přednosti v následné evropské patentové přihlášce a máte zájem, aby požadavek podle Pravidla 141 EPC, tj. předložení výsledků rešerše Evropskému patentovému úřadu (EPÚ) provedl přímo náš Úřad, pak vyberte volbu "ANO". Jinak musíte požadavku z Pravidla 141 EPC vyhovět sami.

INFORMACE O VÝŠI SPRÁVNÍHO POPLATKU

Způsob platby

Převodem z účtu (možnost využít QR kód) *

*poplatek 1200 Kč - PV - podání přihlašovatelem
Správní poplatek se platí při podání přihlášky.*

Celkem k úhradě

1200 Kč

Číslo účtu

3711-21526001/0710

Variabilní symbol

9900071522

Konstantní symbol

1148



*poplatek 3000 Kč - Žádost o provedení úplného průzkumu + 500 Kč za 11. a každý další patentový nárok
počet patentových nároků uvedených v přihlášce je 3*

Celkem k úhradě

3000 Kč

Číslo účtu

3711-21526001/0710

Variabilní symbol

9900071533

Konstantní symbol

1148



POZNÁMKA

Plné moci budou úřadu doloženy dodatečně.

Potvrzuji pravdivost a úplnost shora uvedených údajů a žádám o udělení patentu.

Příhlášku podává zástupce.

Datum 03.09.2021

Email matej@machuip.cz

Jméno a příjmení Matěj Machů

Podpis

(U právnické osoby případně i razítko)

VAROVÁNÍ PŘED AKTIVITOU PODVODNÝCH SUBJEKTŮ

Podvodné faktury vyzývající k zaplacení poplatků | Rejstříky, které nesouvisí s oficiálními rejstříky průmyslových práv Úřadu průmyslového vlastnictví

Úřad průmyslového vlastnictví upozorňuje přihlašovatele a vlastníky průmyslových práv a jejich zástupce, že mohou být písemně nebo elektronicky osloveni některými soukromými společnostmi s kontaktními údaji na území ČR nebo jiných států.

Nabízejí za různé poplatky v různých měnách zveřejnění, registraci či evidenci průmyslových práv v jejich rejstřících nebo databázích vedených na Internetu.

Úřad průmyslového vlastnictví opětovně varuje, že takovéto služby nikterak nesouvisí ani s úředními rejstříky či databázemi vedenými Úřadem průmyslového vlastnictví ani s právní ochranou poskytovanou podle příslušných právních předpisů. Nevyužití nabízených služeb nemá žádné právní účinky týkající se platnosti průmyslových práv.

Klamavé výzvy můžete zasílat na adresu: fraud@upv.cz
více na upv.gov.cz



Ministry of Education
Government of India



HANSRAJ COLLEGE

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Mahatma Hansraj Marg, Malka Ganj, Delhi-110007

TWO WEEK INTERDISCIPLINARY ONLINE FACULTY DEVELOPMENT PROGRAMME

on

"From Research to Publications"

April 5-17, 2021

Live Sessions : 1:30 p.m. - 5:30 p.m.

Organised by

Department of Commerce

ACHARYA NARENDRA DEV COLLEGE

Accredited 'A' grade by NAAC with a score of 3.31

University of Delhi

Govindpuri, Kalkaji, New Delhi-110019

in collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme)

ABOUT PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.



@hrcduofficial



Register by
scanning QR code

Last Date:

1st April, 2021



www.mhrfdc.in



fdp.hrc@gmail.com

ABOUT HANSRAJ COLLEGE



Hansraj college is one of the largest constituent colleges of University of Delhi and has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely in the field of academics, sports and cultural activities. The college faculty is dedicated towards growth and development of the institution academically and administratively to constantly thrive for excellence. Hansarians have been placed in diverse professions and services worldwide and are bringing fame and laurels to the institution.

ABOUT ACHARYA NARENDRA DEV COLLEGE



Acharya Narendra Dev College (ANDC), a constituent college of University of Delhi has come a long way since its inception in 1991. The college began its journey in Nov, 1991 with a handful of students in two undergraduate courses, B.Com. (H) and B.Sc. (G) Group 'A' with Chemistry. The College currently offers nine undergraduate honours courses, two postgraduate courses, four certificate and three diploma courses in foreign languages and one certificate course in Bioinformatics and In-silico Drug Discovery.

The college is today crowned with significant achievements that have resulted in it being listed among the top 10 science colleges in Delhi by India today survey 2010. The College won the Award of Good Practices at 'Antardhvani', the mega Festival of the University of Delhi 2013 and the NAAC Accreditation of Grade A in the year 2017. Two flagship schemes namely Paramarsh and Unnat Bharat Abhiyan of Government of India have been sanctioned to the College.

AND College has been recognized as a centre of learning for all round development of students and teachers. New extra-mural funded projects from SERB-DST, DST and ICMR have continued to flourish in research laboratories of faculty within the college. Many faculty members are recognized Ph.D supervisors.

Faculty members have contributed chapters in books, uploaded educational e-content, enriched school/college education, and won many awards, delivered invited talks, organized and participated in conferences/workshops/training programs and acted as editors, reviewers, and members of advisory boards. Some of the faculty members have also got patents granted in their names.

TOPICS TO BE COVERED

- Understanding Qualitative Research
- Types of Research
- Writing Research proposal
- Availability of resources in Library
- Research Design and Hypothesis testing
- Sources and collection of Data
- Sampling criteria
- How to construct questionnaire and conduct interviews
- Data handling
- Data Analysis Using R
- Tools & Techniques of Analysis
- Analysis and interpretation of the data
- Presenting Research Insights and Findings
- Article and Research Paper writing
- Writing Research proposal for funding from different agencies
- Ethics in Research and Publications
- Plagiarism and other related aspects
- How to write research paper in Scopus listed Journals
- Paper review and Post submission concerns
- Role of Mentor in Research

PROGRAMME OVERVIEW

Research has always been the backbone of academics. However with the ever-changing environment and policies like New Education Policy (NEP) 2020, it has become imperative to bring research as our focal point. An important aspect of research is its publication. It is believed that an academicians becomes a scholar through publications.

The research and publication have a very close relationship. They are complementary to each other. Research has a very little value unless it is published. The dynamic & competitive environment along with continuous advancement in the field of academic profession, have forced all of us to understand the process of research and ethical ways to get it published. This FDP is designed to cater the needs of academicians, research scholars and industry professionals for a sound understanding of research, publications, plagiarism checks and post submission concerns.

OBJECTIVES OF THE PROGRAMME

- To introduce the concept and process of research to the participants.
- To understand various tools and techniques of analysis using SPSS and R.
- To understand the difference between research articles, case studies etc.
- To understand how to write research papers in SCOPUS listed journals.
- To bring clarity about research ethics, including plagiarism.
- To address post submission concerns.

RESOURCE PERSONS



Prof. R. K. Singh
Head and Dean, Faculty of Commerce & Business,
University of Delhi



Prof. H. K. Dangi
Associate Professor
Department of Commerce, DSE



Prof. A. Venkat Raman
Professor - FMS
University of Delhi



Dr. Rajesh Singh
Librarian , University of Delhi



Prof. K. V. Bhanu Murthy
Vice-Chairman Centre for e-Learning and GAD
Teaching Learning Centre, S.G.T.B. Khalsa College,
Delhi University



Mr. Sandeep Vodwal
Assistant Professor
Keshav Mahavidyalaya



Dr. Prabhat Mittal
Associate Professor- Satyawati College (Even.)
Post-Doctoral Fellow, Industrial and Systems
Engineering, University of Minnesota, USA



Prof. Kavita Sharma
Professor - Department of Commerce, DSE



Dr. Gurpreet Singh Tuteja
Associate Professor
Zakir Husain Delhi College, University of Delhi



Prof. C. P. Gupta
Professor - Department of Financial Studies,
South Campus, University of Delhi



Dr. Neelam Rani
Associate Professor
IIM Shilong



Prof. Vijay Kumar Shrotryia
Professor - Department of Commerce, DSE
University of Delhi



Prof. Ramesh C. Gaur
Dean & Director (Library & Information)/
Head- Kalandhi Division



Prof. Sanjeev Singh
Professor at IIC, UDSC



Prof. Amit Kumar Singh
Professor - Department of Commerce, DSE
University of Delhi



Dr. Mukesh Kumar
Deputy Dean- Research Council



Prof. Ashutosh Bhardwaj
OSD - Institute of Eminence, University of Delhi

REGISTRATION DETAILS

Interested participants are requested to follow the steps mentioned below in order to register for the FDP:

- Participants are required to pay the registration fee of **Rs. 1000** via **NEFT/IMPS/UPI** to the following account:

Account:	Principal, Hansraj College, FDC
Bank:	Canara Bank, Hansraj College, Delhi
Type of Account:	Savings
Account number:	2848101019873
IFSC:	CNRB0002848

- Pre-registration to the programme is through **online** mode only.
- Limited seats are available for this programme on a first-come, first-served basis.
- * **NOTE: Fee is Non-Refundable**
Participants are required to fill the registration form using the following link.
(Please ensure that you have payment proof before filling up registration form)
- Registration link: <https://bit.ly/3d0v9Pi>
- The **last date** for registration is **April 1, 2021**.
- Participants** will be informed by **April 2, 2021**.
- Attendance norms are strict. Participants are required to clear the assessment component for getting the **e-certificates**.
- Further details will be communicated to the selected participants.
- ELIGIBILITY:** The programme is **interdisciplinary** and is open to all the interested participants. All faculty members (regular/ ad-hoc/ temporary/ guest) and Research Scholars from any university/college are eligible to participate.

ORGANIZING TEAM

MHRFDC TEAM

Prof. (Dr.) Rama

Principal, Hansraj College &
Chairperson, MHRFDC

Dr. Jyoti Bhola

Coordinator, MHRFDC

Mr. Ashutosh Yadav

Dy. Coordinator, MHRFDC

ACHARYA NARENDRA DEV COLLEGE TEAM

CHIEF PATRON

Prof. Ravi Toteja

Offg. Principal, ANDC

Dr. Surinder Kaur

Convenor

Associate Professor, Department of Commerce

Dr. Shalu Mahajan

Coordinator

Assistant Professor & TIC, Department of Commerce

Members, Organising Committee

Dr. Jitender Goel

Assistant Professor, Department of Commerce

CA Yask Sain

Assistant Professor, Department of Commerce



सत्यमेव जयते
Ministry of Education
Government of India



**Department of Statistics
and
Internal Quality Assurance Cell (IQAC)**

**Mata Sundri College for Women
(University of Delhi)**

is organizing

One Week

Online Faculty Development Programme

On

“Exploratory Data Analysis using Statistical Software R and SPSS”

(7th–13th January, 2021)

3:00 p.m. – 6:00 p.m.

in

collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme)

Hansraj College

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Malka Ganj, Delhi -110007



fdp.hrc@gmail.com



@hansrajduofficial



www.mhrfdc.in

ABOUT HANSRAJ COLLEGE



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ABOUT MATA SUNDRI COLLEGE FOR WOMEN



Mata Sundri College For Women, a well recognized college of University of Delhi, was founded in the year 1967 by the Gurudwara Prabhandak Committee, Delhi state. It is named after Mata Sundri Ji, the consort of the Tenth Guru of the Sikhs, Guru Gobind Singh Ji.

It was established to propagate the cherished ideals of service, leadership and academic pursuits among young women with the motto "Truth is the highest of all virtues but true living is higher still".

Mata Sundri College for Women is an institution where we strive to achieve excellence not only in higher education but also women empowerment. The student strength of the college is of more than four thousand vibrant young women. With its extremely well qualified teaching faculty and an efficient support staff backing them, the college provides an ideal learning environment for young women as they embark on their journey of life, giving shape to their most cherished dreams and wings to their creative pursuits. The college provide education in Humanities, Commerce as well as Mathematical Sciences. It is one of the eight colleges of University of Delhi which offer the B.El.Ed course that is an integrated professional degree programme. With a view to encouraging skill based education, many skill development programmes like Basic and Advanced Courses in Computers, Travel & Tourism, Textile Designing, Foreign Languages etc are also offered. It is a matter of pride that this institution is a study centre of Non-Collegiate Women's Education Board, University of Delhi and Indira Gandhi National Open University. The college mission is to provide quality education to students that not only nurtures individual talents but also fosters a spirit of camaraderie and teamwork.

ABOUT PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.

OBJECTIVES OF THE PROGRAMME

The use of technology boosts every aspects of human life and every second it generates huge amount of data. However, raw data is just like crude oil. It's valuable, but if unrefined it cannot really be used. It has to be changed into gas, plastic, chemicals, etc., to create a valuable entity that drives profitable activity. So data must be broken down and analyzed for it to have value. With the rise of software, analyzing the data has become easy and quick and this has increased its utilization immensely. However, choice of appropriate statistical techniques and correct interpretation of results are indispensable for drawing valid inferences from the data. Exploratory Data Analysis (EDA), which is performed before a formal analysis, plays a critical role in data analysis process by maximizing the insights of a dataset and minimizing potential error later in the analysis. It is the process of performing initial investigations on data so as to uncover underlying structure and patterns in the data, identify important variables, identify anomalies, test a hypothesis, check assumptions, set the stage for model development and further statistical analysis.

This course on Exploratory Data Analysis using Statistical Software R and SPSS aims to introduce the participants with different aspects of exploratory analysis techniques essential for getting an insight of the data and subsequently implementing an appropriate statistical analysis. It will provide a platform to the participants to deal with various types of data, getting meaningful insights, data visualization, extracting important features and perform the analysis using software R and SPSS. This course will cover different statistical methods and graphics systems essential for exploratory analysis including descriptive statistics, probability distributions, hypothesis testing, statistical modeling, and multivariate techniques to visualize high-dimensional data etc.

In the recent past, R software, which is an open source statistical software used to visualize, manipulate and analyze the data, has received considerable popularity among the different domains of statistical science. It is the most widely used language in the world of data science. Being simple, well-developed and effective programming language, R provides very flexible language, effective data handling and storage facility, extensive and integrated collection of tools and graphical facilities for data analysis and display. Due to its robust features and effective data handling facility major organizations and universities use R for data analysis. SPSS on the other hand is a commonly used software popular for data analysis for many years. It is designed in such a way that it can handle a large set of variable data formats as well as help in processing critical data analysis in simple steps.

This course will provide a detailed acquaintance on data exploration and analysis using R and SPSS software. The basic structure of this course is practical oriented with emphasis on hands on using real data. Highly experienced faculty members and scientists from different universities and institutions will deliver lecture in each and every session of the course. This course is designed with an aim to provide interactive platform to get an insight of the data analysis process, understanding the knowhow of analyzing data through R and SPSS and interpretation of results for making data driven decisions. The program will provide vibrant opportunity for researchers and faculty members of all streams.

Topics to be covered

- Overview of basic statistical methods and graphics
- Probability distribution and Hypothesis testing
- Statistical modeling (linear/non-linear) and model diagnostics
- Multivariate techniques
- Introduction to R
- Downloading and Installing R
- Import/export data in R
- Descriptive statistics in R
- Statistical tests (parametric/non-parametric) in R
- Graphics (including high dimensional plots) in R
- Probability distribution fitting in R
- Statistical modeling (linear/non-linear) in R
- Multivariate techniques in R
- Writing functions in R
- Simulations in R
- Introduction to SPSS
- Descriptive statistics using SPSS
- Statistical tests (Parametric/Non-Parametric) using SPSS
- Graphics using SPSS
- Statistical modeling (linear/logistics) using SPSS
- Multivariate techniques using SPSS

REGISTRATION DETAILS

Interested participants are requested to follow the steps mentioned below in order to register for the FDP:

- Participants are required to pay the registration fee of **Rs. 500** via NEFT/ IMPS/ UPI to the following account:

Account:	Principal, Hansraj College, FDC
Bank:	Canara Bank, Hansraj College, Delhi
Type of Account:	Savings
Account number:	2848101019873
IFSC:	CNRB0002848

- Pre-registration to the programme is through **online** mode only.
- Limited seats are available for this programme on a first-come, first-served basis.

* **NOTE: Fee is Non-Refundable**

Participants are required to fill the registration form using the following link.
(Please ensure that you have payment proof before filling up registration form)

- Registration link: <https://bit.ly/381d5II>
- The **last date** for registration is **December 31, 2020**.
- **Participants** will be informed by **January 04, 2021**.
- Attendance norms are strict. Participants are required to clear the assessment component for getting the e-certificates.
- Further details will be communicated to the selected participants.
- **ELIGIBILITY:** The programme is interdisciplinary and is open to all the interested participants. All faculty members (regular/ ad-hoc/ temporary/ guest) and Research Scholars from any university/college are eligible to participate.

ORGANIZING TEAM

MHRFDC TEAM

Prof. (Dr.) Rama

Principal, Hansraj College

&

Chairperson, MHRFDC

Dr. Jyoti Bhola

Coordinator, MHRFDC

Mr. Ashutosh Yadav

Dy. Coordinator, MHRFDC

MATA SUNDRI COLLEGE TEAM

Chief Patron

Prof. (Dr.) Harpreet Kaur

(Principal)

Coordinator

- **Ms. Prabhsharan Kaur**
(Teacher in-charge, Deptt. of Statistics)

Convenor

- **Dr. Archana Verma**
(Department of Statistics)

Co-Coordinator

- **Dr. Lokesh Kumar Gupta**
(Coordinator, IQAC)

Co-Convenor

- **Dr. Swati Kujal**
(Department of Statistics)



Department of Mathematics & IQAC

MIRANDA HOUSE

(NAAC Grade A+ CGPA 3.61, NIRF RANK #1)
(University of Delhi)

is organizing

ONE WEEK INTERDISCIPLINARY ONLINE FACULTY DEVELOPMENT PROGRAMME

on

Applications of Mathematics in Business and Social Sciences

18 - 24 March, 2021

Live Sessions : 2:00 p.m. - 5:30 p.m.

in collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme)

HANSRAJ COLLEGE

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Mahatma Hansraj Marg, Malka Ganj, Delhi-110007



@hrcduofficial

ABOUT PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.



*Register by
scanning QR code*

Last Date:

12th Mar, 2021



www.mhrfdc.in



fdp.hrc@gmail.com

ABOUT HANSRAJ COLLEGE



Hansraj college is one of the largest constituent colleges of University of Delhi and has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely in the field of academics, sports and cultural activities. The college faculty is dedicated towards growth and development of the institution academically and administratively to constantly thrive for excellence. Hansarians have been placed in diverse professions and services worldwide and are bringing fame and laurels to the institution.

ABOUT MIRANDA HOUSE



Miranda House, college for women, located in the University of Delhi campus, is a premier women's institution. It was established in 1948 by the then Vice-Chancellor, Sir Maurice Gwyer. Lady Edwina Mountbatten laid its foundation stone on March 7 in the same year. Originally designed by renowned architect Walter George, Miranda House is built in warm red brick with cool and spacious corridors. The College shares an architectural affinity with other colonial educational institutions of the country. In the past six decades, as the College has grown, several other buildings have been added in consonance with its original design. Special efforts are on to preserve the heritage of its pristine architectural glory. Miranda House has been awarded All India RANK 1 amongst colleges under the National Institutional Ranking Framework (NIRF) for the last four consecutive years.

Miranda House offers liberal education in social sciences, humanities and basic sciences to more than 4000 students. The faculty, renowned for its meritorious profile and versatile talent, is dedicated to the cause of liberal education. Through their three years at Miranda, our students develop a sense of social responsibility, intellectual rigour, and practical knowledge. They develop communication, analytical and problem-solving skills, and a demonstrated ability to apply their education to our complex and diverse world.

OBJECTIVES OF THE PROGRAMME

Mathematics has thrived on opportunities to help solve problems in Sciences and served as the language of Science in significant ways. Mathematics now contribute in direct and fundamental ways to Business, Finance, Economics, Geography, Health.

The nature of this Faculty Development Program (FDP) is interdisciplinary as Mathematics permeates the world around us. The objective of the FDP is to learn the use of data to analyze various mathematical applications in the areas of Commerce, Economics, Geography etc. The Mathematical models are widely used for predicting economic trends in economic parameters such as GDP, inflation rate, unemployment rate and interest rate based on data. A number of ways in which Mathematics is used in Geography are as plane euclidean geometry which is used in surveying small areas in the field, while spherical geometry and trigonometry are required in the construction of map projections. The Mathematical models are also used to analyze social network, how human are connected to each other and how they behave in various social conditions such as models of social influence examine the reactions of human in social situations.

This Faculty Development Program aims to provide participants a platform to understand the applications of Mathematics in different areas such as Commerce, Economics, Geography, and Political Science.

Few of the topics that will be covered in the program are as follows:

- Role of Statistics in the era of Big Data.
- The Fundamental Theorem of strategic Voting.
- Using Data in Social Science Research.
- Mathematics for Personal Financial Management.
- Use of Spreadsheet in application of Business and Finance.
- Using Fermi estimation: From entrance tests to building budgets.
- Can Fractals help us understand cities?

SPEAKERS

- **Prof. Shobha Bagai**
Cluster Innovation Centre, University of Delhi, Delhi
- **Prof. Rajeeva L. Karandikar**
Department of Mathematics, Chennai Mathematical Institute, Chennai
- **Prof. Arunava Sen**
Department of Economics, Indian Statistical Institute, Delhi
- **Prof. Sanjay Kumar**
Center for the Study of Developing Societies(CSDS), Delhi
- **Prof. Anuradha Banerjee**
Department of Geography, Jawaharlal Nehru University, Delhi
- **Dr. Shantha Bhushan**
Department of Mathematics, Azim Premji University, Bangalore
- **Dr. S. Sreekesh**
Department of Geography, Jawaharlal Nehru University, Delhi
- **Dr. Arun Julka**
Department of Commerce, Maharaja Agrasen College,
University of Delhi, Delhi

REGISTRATION DETAILS

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Type of Account:	Savings
Account number:	2848101019873
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- Pre-registration to the programme is through **online** mode only.
- Limited seats are available for this programme on a first-come, first-served basis.
- * **NOTE: Fee is Non-Refundable**
Participants are required to fill the registration form using the following link.
(Please ensure that you have payment proof before filling up registration form)
- Registration link: <https://bit.ly/3tW0SbY>
- The **last date** for registration is **March 12, 2021**.
- Participants** will be informed by **March 15, 2021**.
- Attendance norms are strict. Participants are required to clear the assessment component for getting the **e-certificates**.
- Further details will be communicated to the selected participants.
- ELIGIBILITY:** The programme is **interdisciplinary** and is open to all the interested participants. All faculty members (regular/ ad-hoc/ temporary/ guest) and Research Scholars from any university/college are eligible to participate.

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MHRFDC TEAM

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Principal, Hansraj College &
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Dr. Jyoti Bhola
Coordinator, MHRFDC

Mr. Ashutosh Yadav
Dy. Coordinator, MHRFDC

MIRANDA HOUSE TEAM

CHIEF PATRON

Dr. Bijayalaxmi Nanda

Acting Principal, Miranda House

Dr. Daulti Verma

Convenor

Dr. Durvesh Kumar Verma

Coordinator

Members, Organising Committee

Mohd. Sarik Idrisi

Mr. Mohit Kumar Macchal

Ms. Garima Gogia



**Department of Mathematics
and
Internal Quality Assurance Cell (IQAC)
P.G.D.A.V. College
University of Delhi**

is organizing

**TWO WEEK
(ONLINE) FACULTY DEVELOPMENT PROGRAMME**

on

BIOMATHEMATICS

(15th – 28th October, 2020)

(02:00PM-06:00PM)

in collaboration with

Mahatma Hansraj Faculty Development Centre (MHRFDC)

(A Centre of MoE under PMMMNMTT Scheme)

Hansraj College

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Delhi -110007



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About P.G.D.A.V College & IQAC

Pannalal Girdharilal Dayanand Anglo-Vedic (P.G.D.A.V) College founded in the year 1957-58 is one of the oldest constituent colleges of the top ranking University of Delhi. It is co-educational and NAAC accredited institution. It is well known in excellence not only in academics but also in sports and other co-curricular activities. The college has eleven teaching departments offering undergraduate courses of University of Delhi in the broad disciplines of Arts, Commerce, Computer Science and Mathematical Sciences. It also offers post graduate programs in four subjects, viz. Commerce, Hindi, Mathematics and Political Science. It is also the study centre for the students of School of Open Learning, University of Delhi, the Non-Collegiate Women's Education Board, University of Delhi and Indira Gandhi National Open University. Over the years college has emerged as a centre of excellence under the stewardship of its highly qualified, experienced and dedicated faculty. College has premium infrastructure facility which includes well equipped library with INFLIBNET facility, interactive smart classes, high speed Wi-Fi internet access, availability of computers in a student ratio of 1:4, Digital language lab, UGC Network Resource centre, Centralized computing facility. The Internal Quality Assurance Cell (IQAC) of P.G.D.A.V College has been actively pursuing quality development, improvement and sustenance goals in academic, administrative and financial realms to deliver excellence in all its endeavours. The cell has calendar full of forthcoming events that will act as enablers and facilitators of quality management, especially in the sphere of dissemination and creation of knowledge.

About Department of Mathematics, P.G.D.A.V College

Department has a strength of 13 teachers. Faculty members of the department are actively engaged in research activities in the field of mathematics and allied sciences. Many of them share their knowledge at national and international levels. Our faculty members are guiding Ph.D and M.Phil scholars. The Department has a unique blend of teaching methodology which includes both, use of conventional methods and advance use of mathematical software. We have fully equipped computer labs and classrooms with projectors.

About PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.

About Hansraj College

Hansraj College is one of the largest constituent colleges of University of Delhi and has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely in the field of academics, sports and cultural activities. The college faculty is dedicated towards growth and development of the institution academically and administratively to constantly thrive for excellence. Hansarians have been placed in diverse professions and services worldwide and are bringing fame and laurels to the institution.

Objectives of the Programme

Biomathematics as a subject choice is slowly gaining popularity in our University. However, both students and faculty need lot more awareness to take it to wider acceptance it deserves. We are doing our bit to help the subject reach more sections of students. This FDP, to be followed by many such activities, is a step in the same direction. This Faculty development programme has special emphasis on inter - disciplinary methodologies of study. It has been designed to:

- Acquire knowledge about how mathematical techniques and tools can be used to model natural and biological processes.
- Scientifically study the normal functions in living systems.
- Have an exposure to nonlinear differential equations with examples such as heartbeat, chemical reactions and nerve impulse transmission.
- Study the application of basic concepts of probability to understand molecular evolution and genetics.
- Achieve competitive teaching and learning environment.

Learning Outcomes of the Programme

- The development, analysis and interpretation of bio mathematical models such as population growth, cell division and predator - prey models.
- The mathematics behind heart belt model and nerve impulse transmission model.
- The theory of bifurcation and chaos.
- Modelling molecular evolution and probability distributions in genetics.
- Hands-on computer sessions using Python 2.7

Eligibility

The programme is interdisciplinary and is open to all the interested participants. All faculty members (regular/ ad-hoc/ temporary/ guest) and Research Scholars from any university/college are eligible to participate.

PGDAV College Team

Chief Patron

Prof. Mukesh Aggarwal

Principal,

P.G.D.A.V. College

Convener, Organizing Committee

Dr. Krishna Sharma

Vice-Principal,

P.G.D.A.V. College

Programme Convener

Dr. Geeta Kalucha

Teacher In-charge, Department of
Mathematics
P.G.D.A.V. College

Director, IQAC

Mr. K. K. Srivastava

P.G.D.A.V. College

MHRFDC Team

Prof. Rama

Principal, Hansraj College

&

Chairperson, MHRFDC

Mr. Ashutosh Yadav

Dy. Coordinator, MHRFDC

Dr. Jyoti Bhola

Coordinator, MHRFDC

Registration Process

- Interested participants are requested to follow the steps mentioned below in order to register for the FDP.
- Participants are required to pay the registration fee of Rs. 1000/- via NEFT/ IMPS/UPI to the following account

Account Name: Principal, Hansraj College, FDC

Account Number: 2848101019873

Bank: Canara Bank, Hansraj College, Delhi

IFSC: CNRB0002848

Type of Account: Savings

- Pre-registration to the programme is through online mode only. **(Fee is non-refundable)**
- Participants are required to fill the registration form using the following link. (Please ensure that you have payment proof before filling up registration form) Registration link: <https://bit.ly/34lPezd>

Note: Limited seats are available for this workshop on a first-come, first-served basis. The last date for registration is **12th October, 2020.**

- Selected participants will be informed by **14th October, 2020**
- Attendance norms are strict. Participants are required to clear the assessment component for getting the certificates.
- Further details will be communicated to the selected participants.

Resource Persons



Prof. James D. Murray

Emeritus Professor of
Mathematical Biology,
University of Oxford
Emeritus Boeing Professor of Applied
Mathematics, University of Washington



Prof. Subhendu Ghosh

Formerly Professor & Head,
Department of Biophysics,
University of Delhi
South Campus



Prof. K.R. Pardasani

Professor of Mathematics
Former Head, Department of Mathematics,
Bioinformatics and Computer Applications,
Maulana Azad National Institute of
Technology, Bhopal



Prof. Peeyush Chandra

Prof.(Retd.), Department of
Mathematics & Statistics
IIT Kanpur



Prof. Sunita Gakkhar

Department of Mathematics
Indian Institute of Technology
Roorkee



Dr. Prashant K Srivastava

Associate Professor,
Department of Mathematics, School of Basic
Sciences
Indian Institute of Technology, Patna



Prof. Ajit Iqbal Singh

INSA Emeritus Scientist,
Formerly Professor & Head,
Department of Mathematics,
University of Delhi, South Campus



Dr. Nitu Kumari

Associate Professor,
School of Basic Sciences,
Indian Institute of Technology, Mandi,
Himachal Pradesh



Ranjan Shrivastava

SRF
Department of Biophysics,
University of Delhi, South Campus



Ministry of Education
Government of India



HANSRAJ COLLEGE

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Mahatma Hansraj Marg, Malka Ganj, Delhi-110007

ONE WEEK INTERDISCIPLINARY ONLINE FACULTY DEVELOPMENT PROGRAMME

on

Hypothesis Testing and Techniques for Data Analysis

5 - 11 March, 2021

Live Sessions : 2:00 p.m. - 5:00 p.m.

Organised by

Department of Commerce

SHIVAJI COLLEGE

Accredited by NAAC with 'A' grade
University of Delhi

and Knowledge partner

Department of Commerce, University of Delhi
under the aegis of
Department-College Interface

in collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme)

ABOUT PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching emphasizes the need to change the role and working of a teacher from mere disseminator of information and knowledge to the one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.



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*Register by
scanning QR code*

Last Date:

1st Mar, 2021



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fdp.hrc@gmail.com

ABOUT HANSRAJ COLLEGE



Hansraj college is one of the largest constituent colleges of University of Delhi and has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely in the field of academics, sports and cultural activities. The college faculty is dedicated towards growth and development of the institution academically and administratively to constantly thrive for excellence. Hansarians have been placed in diverse professions and services worldwide and are bringing fame and laurels to the institution.

ABOUT SHIVAJI COLLEGE



Shivaji College is a premier educational institution, accredited with grade 'A' by NAAC. Shivaji College, a constituent College of the University of Delhi functions under the trusteeship of the Government of Delhi. It was ranked 28th in the survey of commerce colleges in the country conducted by India Today in 2020. The college is proudly celebrating its

Diamond Jubilee Year 2020-21. Over the course of 60 years, since the college was founded, it has achieved significant milestones.

Since its inception in a small structure in rural Delhi, the college has come a long way in 2021 with a campus spread over an area of 10 acres, used for academic purposes, residential complex and sports ground. Shivaji College is a leading co-educational institute in West Delhi which offers 20 undergraduate courses in Science, Commerce and Humanities, a self-financing course in B.A. (Honours) Business Economics and 3 post graduate courses, and an add-on course in German. The entire campus is a Wi-Fi enabled zone. The air-conditioned college library offers students the most relevant academic materials from its collection of over 1, 00,000 books and exposure to national and international journals, periodicals, magazines and newspapers. OPAC (Online Public Access Catalogue) and Information Kiosk also enable them to browse through the library database efficiently and precisely. In the wake of the global pandemic crisis this year, the college has shifted to online platforms and become a state-of-the-art, technologically advanced institution.

TOPICS TO BE COVERED

The structure of the FDP will have interactive on-line sessions on the research methods and data analytics through a virtual platform. The programme will tentatively cover the following:

- Introduction to Research Process
- Role of literature in Hypothesis development
- Testing of Hypothesis
- Parametric and Non-Parametric Tests
- ANOVA
- MANOVA
- Exploratory Factor Analysis
- Cluster Analysis

OBJECTIVES OF THE PROGRAMME

Research methods and data analytics have become an integral part of almost all areas of management, social sciences, and humanities research. The dynamic and competitive environment and advancement in technology have made data analytics and its applications imperative to solve the complex decision-making problems and take meaningful decisions in the presence of an abundance of information.

“The goal is to transform data into information, and information into insight.” - Carly Fiorina

This faculty development programme is designed to cater to the needs of academicians, researchers, and industry professionals for a sound understanding of research design for data analysis. The programme will address research methods and data analytics issues like selecting appropriate analytical tools, interpretation of outputs, and effective report writing to foster multi-disciplinary research. Besides, FDP also seeks to provide a platform to nurture impactful academic writing skills to ensure publication in national and international journals of repute.

REGISTRATION DETAILS

Interested participants are requested to follow the steps mentioned below in order to register for the FDP:

- Participants are required to pay the registration fee of **Rs. 500** via **NEFT/IMPS/UPI** to the following account:

Account:	Principal, Hansraj College, FDC
Bank:	Canara Bank, Hansraj College, Delhi
Type of Account:	Savings
Account number:	2848101019873
IFSC:	CNRB0002848

- Pre-registration to the programme is through **online** mode only.
- Limited seats are available for this programme on a first-come, first-served basis.
- * **NOTE: Fee is Non-Refundable**
Participants are required to fill the registration form using the following link.
(Please ensure that you have payment proof before filling up registration form)
- Registration link: <https://bit.ly/3d85FRO>
- The **last date** for registration is **March 1, 2021**.
- Participants** will be informed by **March 2, 2021**.
- Attendance norms are strict. Participants are required to clear the assessment component for getting the **e-certificates**.
- Further details will be communicated to the selected participants.
- ELIGIBILITY:** The programme is **interdisciplinary** and is open to all the interested participants. All faculty members (regular/ ad-hoc/ temporary/ guest) and Research Scholars from any university/college are eligible to participate.

ORGANIZING TEAM

MHRFDC TEAM

Prof. (Dr.) Rama

Principal, Hansraj College &
Chairperson, MHRFDC

Dr. Jyoti Bhola

Coordinator, MHRFDC

Mr. Ashutosh Yadav

Dy. Coordinator, MHRFDC

KNOWLEDGE PARTNER TEAM

Dr. Amit Kumar Singh

Coordinator, Department-College Interface
Department of Commerce, University of Delhi

SHIVAJI COLLEGE TEAM

CHIEF PATRON

Dr. Shiv Kumar Sahdev

Offg. Principal, Shivaji College

Dr. Rajinder Singh

Convenor

Dr. Ramesh Malik

Coordinator

Members, Organising Committee

- Dr. Chhavi Sharma**
- Ms. Manisha**
- Ms. Harmanpreet Kaur**
- Ms. Vineeta**