MOTHERHOOD UNIVERSITY
ROORKEE, UTTARAKHAND
ENLIGHTENING WORLD

Riju Palika

A Research Rill

A Biannual Newsletter of Directorate of Research

February :2024 Vol. :02 Issue : 01

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MESSAGE FROM HON'BLE VICE-CHANCELLOR



Dear Research Scholars,

I am delighted to extend my warmest congratulations to each and every one of you on your remarkable achievements in the field of research. As we gather to compile another edition of our esteemed research newsletter, it is with great pride and happiness that I reflect on the outstanding contributions made by our scholars.

Your dedication, perseverance, and intellectual curiosity have propelled you to new heights of excellence, enriching not only your own academic journeys but also the collective knowledge base of our esteemed institution. Your research endeavors serve as a testament to the unwavering commitment to scholarship that defines Motherhood University.

I would like to take this opportunity to express my heartfelt appreciation to all of you for your tireless efforts and unwavering commitment to pushing the boundaries of knowledge. Your passion for discovery and innovation is truly inspiring, and it is a privilege to witness your growth and development as scholars.

At Motherhood University, we remain steadfast in our commitment to supporting our research scholars in their academic pursuits. Whether through access to state-of-the-art facilities, mentorship from distinguished faculty members, we are dedicated to providing you with the resources and support you need to thrive.

As you continue on your academic journey, I encourage you to remain steadfast in your pursuit of excellence. The challenges you encounter along the way will only serve to strengthen your resolve and deepen your understanding of your chosen field. Remember that you are part of a vibrant academic community that values your contributions and celebrates your successes.

On behalf of the entire university community, I extend my best wishes to each and every one of you for your future endeavors. May you continue to push the boundaries of knowledge, inspire those around you, and make a meaningful impact on the world through your research.

Thank you for your dedication, passion, and unwavering commitment to excellence. I look forward to celebrating many more achievements together in the future.

Prof. (Dr.) Narendra Sharma

MESSAGE FROM DIRECTOR RESEARCH



As we navigate through the realms of academia and research, it is essential to take a moment to convey our profound gratitude and appreciation for the invaluable contributions each of you makes towards the advancement of knowledge and scholarship at Motherhood University.

In recent times, we witnessed a significant cultural and historical event with the establishment and consecration of the Ram Mandir, an occasion of immense significance for our nation. I am pleased to note that our research scholars actively participated in the RAMUTSAV celebrations, displaying not only their academic prowess but also their deep-rooted commitment to our cultural heritage.

Your enthusiastic involvement in the festivities exemplifies the spirit of unity and reverence that defines our academic community. It is heartening to see how our scholars seamlessly integrate their scholarly pursuits with a sense of cultural responsibility and societal engagement.

As we reflect on these moments of collective celebration, let us also reaffirm our dedication to our research endeavors. Let us continue to explore new frontiers of knowledge, challenge existing paradigms, and contribute meaningfully to the intellectual landscape of our fields.

In closing, let us remember that our journey in academia is not merely about individual achievements but about fostering a community of scholars dedicated to the pursuit of truth and excellence. Together, let us strive to uphold the values of integrity, collaboration, and intellectual curiosity that define our research department.

Thank you once again for your unwavering commitment and dedication.

Jai Hind,

Prof. P. K. Agarwal

STUDENT ORIENTATION PROGRAMME

The Online orientation/ Inauguration of the Academic Year 2023-2024 for the newly admitted Ph.D. students organized by Motherhood University, Roorkee on 9th September 2023 at the Directorate of Research Office, Motherhood University, Roorkee.

Students were welcomed by the team of Directorate of Research. It was then taken over by Respective Director Research of the University delivered the Inaugural address. In their address they motivated all students and asked

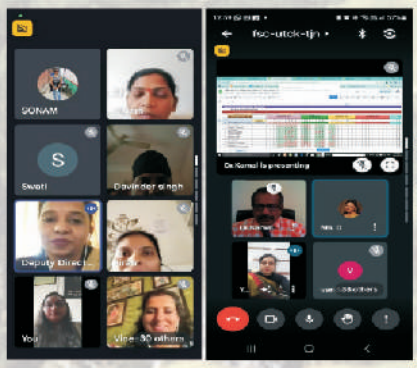


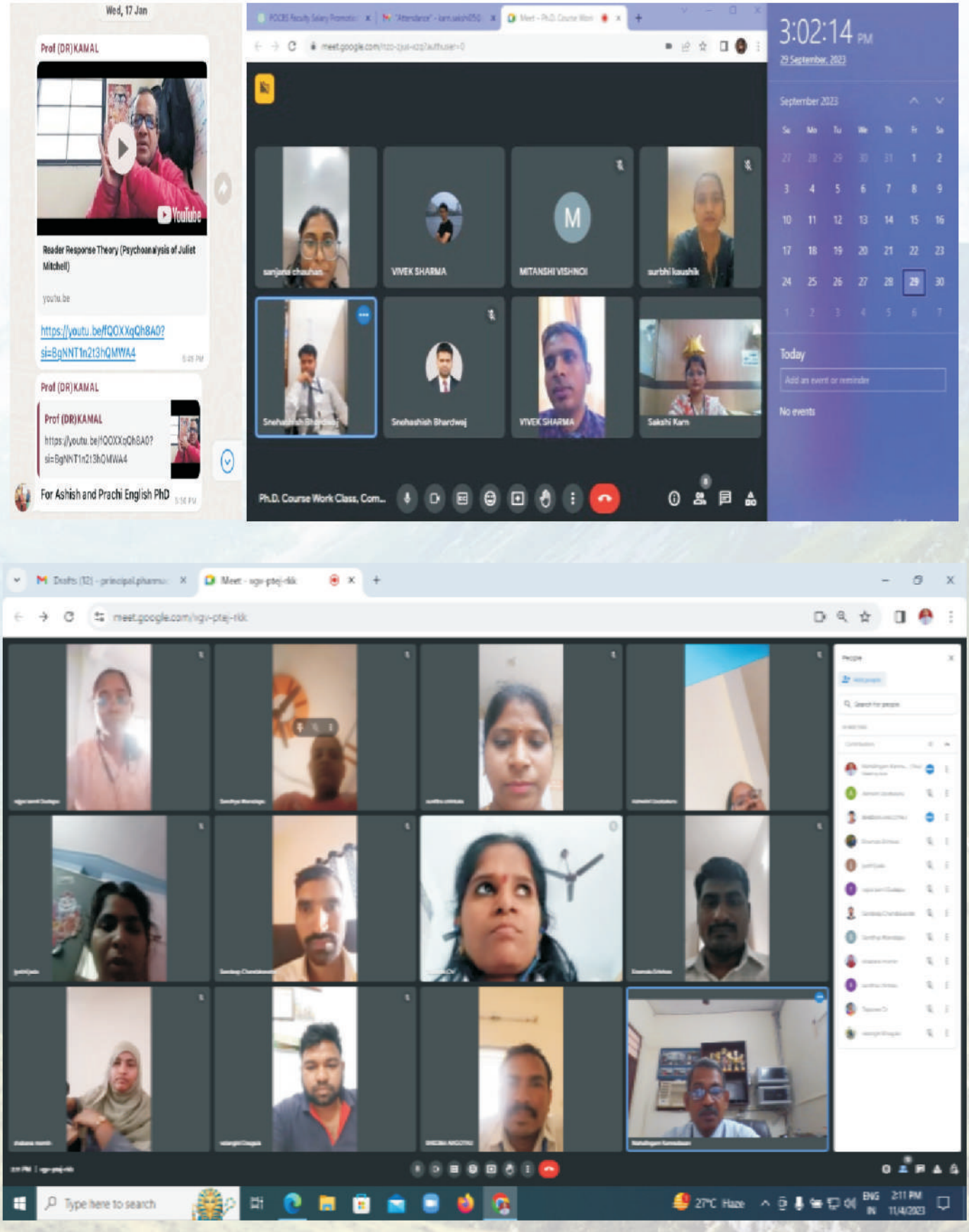
them to pursue their dreams and use the enormous facilities provided by the University in the field of Research. During orientation students were made aware about the curriculum, Guidelines, Academic Calendar, Time-Table, their fee structure and facilities provided in the university. Students were made conversant with the requirement of minimum attendance for theory classes on regular basis, university rules and their responsibilities. Orientation was done by Prof. P.K.Agarwal, Director Research.

The programme was concluded by the Dy. Director Research with the Vote of Thanks.

Ph.D. COURSE WORK CLASSES OF BATCH JUNE 2023.

Motherhood University, Roorkee hase successfully running the online course work classes to deliver the study contents to the students effectively to the Batch June 2023 which are held every Saturday & Sunday as per Academic Calendar of the June 2023 Batch. The classes will last up to Feb. 2024 and the course work examination will take place on March 06-07, 2024. All the internal assessment formalities will be completed by Feb 2024.

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Prof (DR)KAMAL
Reader Response Theory (Psychoanalysis of Juliet Mitchell)
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Prof (DR)KAMAL
Prof (DR)KAMAL
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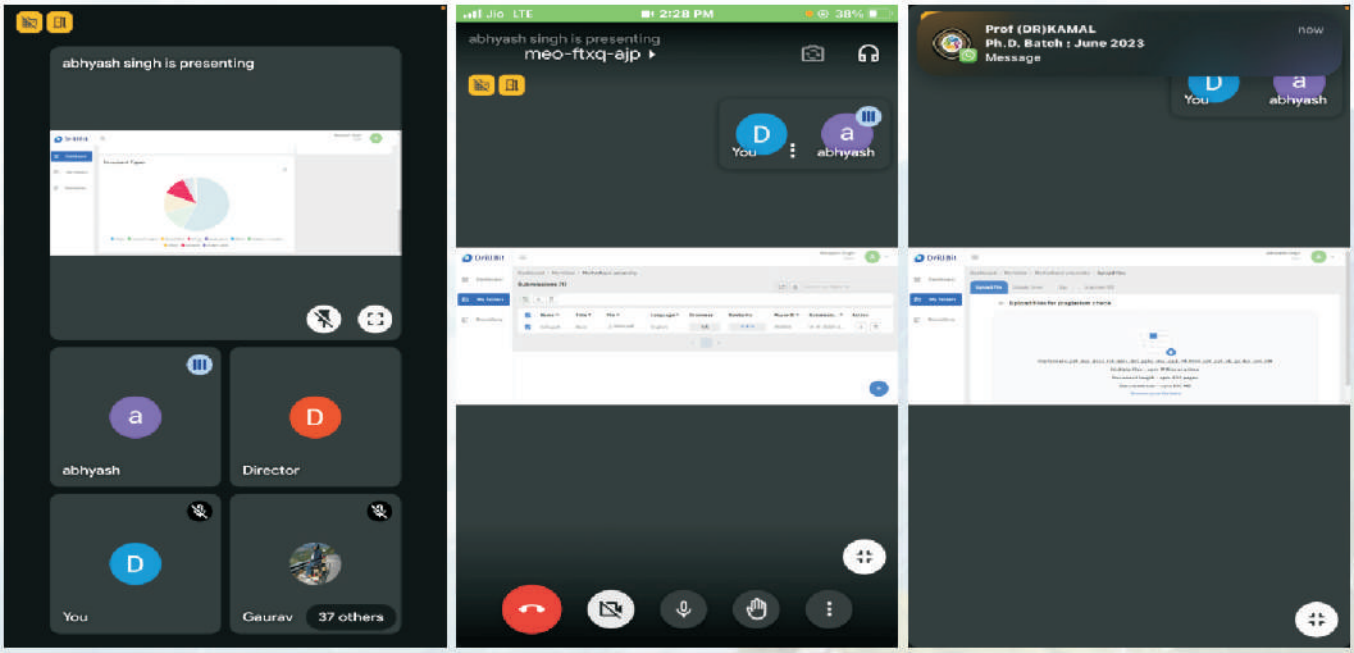
DRILL BIT SOFTWARE TRAINING PROGRAM

Online **DrillBit Software Training Program** was organized by Motherhood University, Roorkee on **18th November 2023** at 2:00 p.m. under the motivation and guidance of Director Research and DrillBit Software training officer Mr. Abhay Singh. The Training was aimed to provide the knowledge and skills needed by the teachers to use the software. Mr. Abhay Singh told us about to access this software for plagiarism checking.



RAT EXAMINATION, DECEMBER 24, 2023

The Ph.D. entrance examination RAT was conducted on 24th December 2023 in which 54 aspirants appeared that was followed by Personal Interview and Document verification. The Faculty wise candidates who qualified were:

Matrix of Eligible Candidates for Ph.D. After Entrance Exam

Sl. No.	Name of Faculty	Subject	No. of Candidate
1	Faculty of Commerce & Business Studies	Commerce	2
		Management	7
2	Pharmaceutical Sciences	Pharmaceutical Sciences	12
3	Faculty of Legal Studies	Law	6
4	Faculty of Education	Education	4
5	Faculty of Science	Chemistry	6
		Mathematics	2
		Microbiology	3
		Economics	2
6	Faculty of Arts, Humanities & Social Sciences	English	4
		Political Science	2
		Sociology	2
7	Faculty of CS and IT	Computer Science	2
		Information Technology	0
		Total	**54**







ACADEMIC CALLENDER FOR DEC 2023 BATCH

MOTHERHOOD UNIVERSITY, Roorkee

Annexure-III

ACADEMIC CALENDAR OF Ph.D. PROGRAMME
FOR THE RESEARCH SCHOLARS OF THE XVIII
(BATCH DECEMBER- 2023)

Sl. N.	Particulars	Date
1.	Research Aptitude Test	Dec 24, 2023
2.	RAT Written Result Declaration	Jan 02, 2024
3.	Personal Interview & Verification of Documents	January 08, 2024 – January 17, 2024
4.	Declaration of Final RAT Result	February 05, 2024
5.	Commencement of Course Work Classes	March 01, 2024– August 17, 2024
6.	Allotment of Supervisor	July 01, 2024 – July 15, 2024 (Through Recommendation of DRCC)
7.	Course Work Examination	August 30, 2024 - August 31, 2024
8.	Declaration of Course Work Result	September 09, 2024
9.	DRCC meeting	October 28, 2024 – November 09, 2024
10.	Research Degree Committee	November 16, 2024 – November 30, 2024
11.	Submission Synopsis after Modification	Up-to Dec 15, 2024
12.	Issue of Registration Number	Dec 18, 2024 onwards

Prof. (Dr.) Seema Tomar
Dy. Director Research

Dy. DIRECTOR RESEARCH
MOTHERHOOD UNIVERSITY

Prof. P. K. Agarwal
Director Research

DIRECTOR RESEARCH
MOTHERHOOD UNIVERSITY
ROORKEE (HARIDWAR)

Approved by
Hon'ble Vice - Chancellor

RAMUTSAV CELEBRATION AT MOTHERHOOD UNIVERSITY, ROORKEE (22ND JANUARY, 2024)

On the 22nd of January 2024, Motherhood University in Roorkee exuberantly celebrated RAMUTSAV, marking a day filled with cultural richness, performances and festivities. The event commenced with a grand welcome at the university gates, where the revered figures of Shri Ram, Mata Seeta, Shri Laxman Ji and Shri Hanuman Ji were warmly received by the Hon'ble Vice Chancellor, Director Administration, Deans, Heads of Departments, Faculty Members and students.

The highlight of the celebration was the establishment of a spectacular Ram Darbar within the university premises. Following this, a cultural extravaganza unfolded, featuring students from various departments participating with great enthusiasm. Notably, the Faculty of Commerce & Business Studies stole the show with a captivating skit. The portrayal of characters like Shri Ram, Mata Seeta, Shri Laxman Ji, Shri Ravan Ji, Suparnakha and Shri Hanuman Ji was done impeccably by Aryan, Anchal Sharma, Vikash Rohela, Tarun, Shali, and Pratham, respectively.

The skit not only showcased remarkable performances but also garnered praise from the Vice Chancellor and all faculty members.









Special mention was made to Mr. Aryan's portrayal of Shri Ram, Ms. Anchal Sharma's role as Mata Seeta and Mr. Pratham's excellent depiction of Shri Hanuman Ji, elevating the performance to a class-level standard.

The cultural event also featured captivating dance performances by students who welcomed the characters of Ramayan with grace and elegance. Faculty members, including Miss Urvashi, Miss Shivani and Mrs. Vernika, displayed their enthusiasm by presenting welcoming performances.

Post the cultural festivities, a Rangoli competition unfolded within departments, where the Faculty of Commerce & Business Studies secured recognition for the best Rangoli. The group led by Miss Divya showcased exceptional creativity, with Miss Taaranjeet's group also leaving a lasting impression.

The celebration culminated with Deepoutsav, illuminating the university in vibrant lights. Following the program, Dr. P. K. Agarwal, Director Research extended heartfelt congratulations to all students for their outstanding performances. The Director Research acknowledged the dedicated efforts of the Cultural Committee, emphasizing their hard work over the past eight days in making the event a resounding success.

In his speech, He inspired students with a quote from Ramayan, "Dharma protects those who protect it," emphasizing the significance of righteousness and dedication in their academic and personal endeavors. He encouraged students to draw inspiration from the epic and carry forward the values depicted in Ramayan in their lives.

The RAMUTSAV celebration at Motherhood University was not just an event; it was a testament to the unity, creativity, and cultural vibrancy of the university community.





Ph.D. AWARDED TO RESEARCH SCHOLARS (July 2023 onwards)



Name : Vishal Sharma
Father Name : Sanjeev Sharma
Supervisor : Dr. Rahul Sharma
Subject : Commerce
Enrollment : M2001990001
Res. : Res/2001/Com/01
Faculty : Commerce & Business Studies
Year of Award : 2023
Research Topic : A Critical Analysis of Equity Share Price Determinants in Indian Stock Market
Paper Published in Journal
Title of Paper 1 : Impact of FII Flows on Indian Capital Market
Title of Paper 2 : Growth and Development of Stock Market in India
Paper Presented in International/ National Conference
Title of Paper 1 : Price Volatility & Indian Share Market
Title of Paper 2 : Factors Affecting Share Prices- A Conceptual Paradigm

Name: Anamika
Father Name: Uttam Chandra Jain
Supervisor: Dr. Avadhesh Kumar Koshal
Enrollment: M1901990006 Subject: Botany
Res.: Res/1901/Bot/01
Faculty: Sciences
Year of Award: 2023



Research Topic: Study of Medicinal Flora Analysis (MFA) in the Parts of Roorkee Area, District Haridwar

Paper Published in Journal

Title of Paper 1: Study of Statistical Analysis of Indices Based Rainfall A Trends in Haridwar District of Uttarakhand, India

Title of Paper 2: Analysis of Crop Efficiency for Different crops in the Haridwar District

Paper Presented in International/ National Conference

Title of Paper 1: Role of Precision Technology for Study of Medicinal Floras

Title of Paper 2: Role of IPR in medicinal plant components

Name : Asha Thuwal
Father Name : Mr.Chintamani Thuwal
Supervisor : Dr. Santosh Kumar Sharma
Subject : Education
Enrollment : M1901990010
Res. : Res/1901/Edu/06
Faculty : Education
Year of Award : 2023



Research Topic : राष्ट्रीय शिक्षानीति 2020 के सम्बन्ध में विद्यालयों में समावेशी शिक्षा के प्रतिशिक्षिकों की अभिवृत्ति एवं अभिप्रेरणा का एक अध्ययन

Paper Published in Journal

Title of Paper 1 : समावेशी शिक्षा के उद्देश्य तथा उसे बाधित करने वाले कारकों के निवारण में शिक्षकों की भूमिका का अध्ययन

Title of Paper 2 : भारत में समावेशी शिक्षा की आवश्यकता एवं महत्व।

Paper Presented in International/ National Conference

Title of Paper 1: राष्ट्रीय शिक्षा नीति 2020 के सम्बन्ध में विद्यालयों की समावेशी शिक्षा के प्रति शिक्षकों की अभिवृत्ति एवं अभिप्रेरणा का अध्ययन

Title of Paper 2 : शिक्षकों की अभिवृत्ति व अभिप्रेरणा में योग शिक्षा का महत्व

Name : Anurag Singh Bisht
Father Name: R.S. Bisht
Supervisor : Dr. Santosh Kumar Sharma
Subject : M1901990011
Enrollment : M1901990011
Res. : Res/1901/Edu/09
Faculty : Education
Year of Award : 2023



Research Topic : Impact of Emotional Intelligence on Vocational Preference of Senior Secondary School With Reference to Uttarakhand State

Paper Published in Journal

Title of Paper 1 : The Impact of Emotional Intelligence on Vocational Preferences of Senior Secondary School Students of Uttarakhand State

Title of Paper 2 : Emotional Intelligence at Work Place: A Study

Paper Presented in International/ National Conference

Title of Paper 1 : Philosophy of teaching and learning for vocational choices

Title of Paper 2 : Holland's Theory of vocational choice: A Study



Name : Vivek Sharma
Father Name : Dinesh Kumar Sharma
Supervisor : Dr. P.K. Agarwal
Subject : Management
Enrollment : M1901990037
Res. : Res/1901/Mgt/08
Faculty : Commerce & Business Studies
Year of Award : 2023
Research Topic : An Empirical Study of Human Resource Practices in Recruiting and Selecting Engineering Graduates and Their Retention in the National Capital Region of India
Paper Published in Journal
Title of Paper 1 : Impact of Recruitment & Selection Policies for Engineering Graduates on Organizational Performance
Title of Paper 2 : Impact of Recruitment & Selection Policies on Employee Retention: Evidence from Engineering Graduates in Meerut, U.P. India
Paper Presented in International/ National Conference
Title of Paper 1 : Effect of Recruitment & Selection Policies on Employee Performance: An Empirical Literature Review
Title of Paper 2 : Recruitment & Selection System of Indian IT Sector Companies



Name : Richa Chauhan
Father Name : Suresh Chand Chauhan
Supervisor : Dr. Kuldeep
Subject : Education
Enrollment : M1802990020
Res. : Res/1802/Edu/06
Faculty : Education
Year of Award : 2023
Research Topic : उच्चतर माध्यमिक स्तर के विद्यार्थियों की संवेगात्मक बुद्धि का शैक्षिक उपलब्धि तथा समस्या समाधान योग्यता पर प्रभाव का अध्ययन
Paper Published in Journal
Title of Paper 1 : उच्चमाध्यमिक स्तर के विद्यार्थियो की संवेगात्मकबुद्धि पर उनके एकल / संयुक्त परिवार का उनकी आयु के सन्दर्भ में पडने वाले प्रभाव का अध्ययन
Title of Paper 2 : राजकीय एंव अराजकीय उच्यमाध्यमिक विद्यालयो के विद्यार्थियो की शैक्षिक उपलब्धि का अध्ययन
Paper Presented in International/ National Conference
Title of Paper 1 : उच्च माध्यमिक स्तर के विद्यार्थियो की शैक्षिक उपलब्धि तथा समस्या समाधान योग्यता का अध्ययन
Title of Paper 2 : शिक्षार्थियो के मनोगत्यात्मक विकास का उनकी शैक्षिक उपलब्धि पर पड़ने वाले प्रभाव का मुल्याकंन



Name : Manju Lata
Father Name : Mr. Ram Kumar
Supervisor : Dr. Babita Singh
Subject : Education
Enrollment : M1902990004
Res. : Res/1902/Edu/03
Faculty : Education
Year of Award : 2023
Research Topic : उच्चतर माध्यमिक स्तर पर अध्ययनरत विधार्थियों के सामाजिक कौशलों पर विद्यालय वातावरण एवं सामाजिक-आर्थिक स्तर के प्रभाव का अध्ययन
Paper Published in Journal
Title of Paper 1 : उच्चतर मा०स्तर पर अध्ययनरत विद्यार्थियों के सा०कौशल पर विद्यालय वातावरण के प्रभाव का अध्ययन
Title of Paper 2 : उच्यतर मा०स्तर पर अध्ययनरत विद्यार्थियों के सा०कौशल का तुलनात्मक अध्ययन
Paper Presented in International/ National Conference
Title of Paper 1 : राष्ट्रीय शिक्षानीति 2020 विद्यालय वातावरण, एवं सामाजिक कौशलो का विकास
Title of Paper 2 : राष्ट्रीय शिक्षानीति 2020 वर्तमान परिप्रेक्ष्य में सामाजिक कौशल



Name : Ritu Chauhan
Father Name : Mr. Shyam SinghChauhan
Supervisor : Dr.Babita Singh
Subject : Education
Enrollment : M1802990011
Res. : Res/1802/Edu/05
Faculty : Education
Year of Award : 2023
Research Topic : स्नातक स्तर के विद्यार्थियों के मानसिक स्वास्थ्य एवं संवेगात्मक परिवक्ता पर यौगिक क्रियाओं के प्रभाव का अध्ययन
Paper Published in Journal
Title of Paper 1 : मानसिक स्वास्थ्य एवं यौगिक क्रियाएँ : एक अध्ययन
Title of Paper 2 : यौगिक क्रियाओं के आधार पर स्नातकस्तर के विद्यार्थियों के मानसिक स्वास्थ्य एवं परिवक्ता अध्ययन
Paper Presented in International/ National Conference
Title of Paper 1 : NEP 2020 Implementation and Future Impact (ICNIFI-2022)
Title of Paper 2 : NEP 2020 के संदर्भ में स्नातक स्तर के पाठ्यक्रम में योगिक क्रियाओं की प्रासंगिकता का अध्ययन



Name : Najmus Sehar
Father Name : Mr. Sarfaraz Ali
Supervisor : Dr. P.K. Agarwal
Subject : Commerce
Enrollment : M1901990016
Res. : Res/1901/Com/03
Faculty : Commerce & Business Studies
Year of Award : 2023
Research Topic : Analysis of Financial Health Indicators' Impact on Profitability of Selected Industrial Sector Companies Industrial Sector Companies Listed on NSE in India
Paper Published in Journal
Title of Paper 1 : Impact of Financial Ratios on Return on Investment of Pharmaceutical Companies: A Time Series Data Analysis
Title of Paper 2 : Effect of Liquidity on Profitability of FMCG Companies in India
Paper Presented in International/ National Conference
Title of Paper 1 : Ratio Analysis as Financial & Profitability Health & Performance Indicators of Organisations
Title of Paper 2 : Analysis of Financial Statement: The Importance of Financial Indicators in Industry



Name : Shazia Shafi
Father Name : M Sahfi Parray
Supervisor : Dr. Alka Rani
Subject : Sociology
Enrollment : M1601990007
Res. : Res/1601/Soc/08
Faculty : Arts, Humanities & Social Sciences
Year of Award : 2023
Research Topic : Causes and Consequences of Delayed Marriage in Jammu & Kashmir in Special Reference to Urban Kashmir
Paper Published in Journal
Title of Paper 1 : Christian Marriage: An Appraisal on its Legal Validity
Title of Paper 2 : Mange: A Saga of Journey from Ancient to Modern India
Paper Presented in International/ National Conference
Title of Paper 1 : Problems of Child Marriage in Srinagar (J&K)
Title of Paper 2 : Social Studies of a Tribe Community of Uttarakhand



Name : Anjali Kumari
Father Name : Mr. Jaiveer Singh
Supervisor : Dr. Suresh Chandra Pachauri
Subject : Education
Enrollment : M1802990002
Res. : Res/1802/Edu/08
Faculty : Education
Year of Award : 2023
Research Topic: इण्टरमीडियट स्तर पर विद्यार्थियों की समाजमीती अवस्थिति का शैक्षिक उपलब्धि तथा समायोजन के सन्दर्भ में तुलनात्मक अध्ययन।
Paper Published in Journal
Title of Paper 1: इण्टरमीडियट स्तर पर विद्यार्थियों की समाजमीतीय अवस्थिति का शैक्षिक उपलब्धि तथा समायोजन के सन्दर्भ में तुलनात्मक अध्ययन।
Title of Paper 2 : इण्टरमीडियट कक्षाओं में अध्ययनरत बालिकाओं के समायोजन के विविध पक्षों का अध्ययन।
Paper Presented in International/ National Conference
Title of Paper 1 : इण्टरमीडियट छात्रों की शैक्षिक उपलब्धि तथा समायोजन क्षमता का एक अध्ययन।
Title of Paper 2 : समाजमीति एवं समायोजन का एक अध्ययन भारतीय युवाओं के सन्दर्भ में।



Name : Soniya Singh
Father Name : Mr. Ajay Singh
Supervisor : Dr. Avadhesh Kumar Koshal
Subject : Botany
Enrollment : M1901990026
Res. : Res/1901/Bot/02
Faculty : Science
Year of Award : 2024
Research Topic : A Study on Effects of Different Seed Priming Treatments on Germination and Yield Attributing Characters on Different Sugarcane Varieties
Paper Published in Journal
Title of Paper 1 : Effect of Seed Priming on Cane Node for Enhancing Germination and Productivity of Sugar Cane (Saccharum sp. Hybrid)
Title of Paper 2 : A Study on Inter action of Seed Primers Technique with Sugar Cane Varieties
Paper Presented in International/ National Conference
Title of Paper 1 : Effect of Seed Bio Priming to Control the Seed Borne Disease of Sugar Cane
Title of Paper 2 : Seed Priming: A Method in the Direction of Agricultural Sustainability



Name : Km Pallavi Vyas
Father Name : Pramod Kumar
Supervisor : Dr. Ravindra Kumar Vishwakarma
Subject : Computer Science
Enrollment : M1702990005
Res. : Res/1702/CS/06
Faculty : Faculty of Mathematics & Computer Sciences
Year of Award : 2024
Research Topic : Analysis and Identification of Human Decision Making by Machines Through Learning by Experience Methodology
Paper Published in Journal
Title of Paper 1 : Pall, Decision- Making Recommender System Machine Learning Collaborative Filtering
Title of Paper 2 : Anfis- Based Recom Mender System
Paper Presented in International/ National Conference
Title of Paper 1 : Machine Learning- Based Recommendation Systems for Higher Education
Title of Paper 2 : Decision- making Recommender System using Machine Learning Collaborative Filtering













A PUBLICATION OF DIRECTORATE OF RESEARCH, MOTHERHOOD UNIVERSITY, ROORKEE

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