Report of Department of Economics (2022-23)



Mehr Chand Mahajan DAV College for Women

Sector-36/A, Chandigarh

<u>www.mcmdavcw-chd.edu</u> 0172- 2603355, 0172- 2624921

Serial No	Activities	Dates
1	BRIDGE COURSE -2022	30 th July 2022
	07 Days Bridge Course in Economics for Under Graduate Students	
2	Intra-College Debate Competition	14 th October 2022
3	Workshop on:	10 th November 2022
	Digital Tools: A Gateway for Research in Social Sciences	
4	Workshop on: Entrepreneurship skill, attitude and behaviour development	24 th January 2023
5	Academic visit:	25 th January 2023
	To attend seminar on CENTRAL BANK DIGITAL CURRENCY (e□)	
6	Workshop on Problem Solving and Ideation	21 st February 2023
7	An Intra-college Rangoli and slogan competition	27 th February, 2023
8.	"Power of the Pen" Essay Writing Competition	15 th March 2023
9	Industrial visit:	11 th April 2023
	CLAAS INDIA PVT. LTD, Morinda (Punjab)	
10	National Conference	26 th -27 th May 2023
	Two-day multi-disciplinary national conference	
	'Transformation, Survival and Sustainability in a Post COVID World and Creating a New Bharat'	
11	Photography Competition	September 2023
12.	Arth Samvad: Economics Newsletter	Regular Basis

DEPARTMENTAL ACTIVITIES

BRIDGE COURSE -2022

07 Days Bridge Course in Economics for Under Graduate Students (30 July 2022)

DAY-1

Resource person- Dr. Madhur M.Mahajan

Total Students Participation – 125

Bridge course in Economics for undergraduates started its 7-day course on 30th July 2022. Its inaugural session was addressed by Dr. Madhur M.Mahajan, Associate Professor, GGDSD College, sector-32, Chandigarh. The lecture was based on career and avenues in economics for undergraduates as well as for the postgraduate students. Mr. Mahajan motivated students to study economics with passion and interest. He unfolded many avenues and scope for the students in economics like IES, UGC NET, UPSC, RBI grade B, higher studies in India and abroad, economic adviser, research analyst and many more. Students received a lot of encouragement to excel in the subject and to become great policy makers, economists, researchers, professors in the future. Student's actively participated and asked lots of relevant questions at the end of the session which were based on distinctive career options in the economics field.

DAY-2

Student participation- 120

Faculty participation- 12

Resource Persons- Dr. Archana Bakshi, Ms. Meenu Dua, Ms. Sheereen Zaman

Bridge course in economics day 2 was based on Analytical Review of Indian economy. It was a captivating session because of its approach on current issues. Major economic issues like Rupee depreciation, Russia- Ukraine war, Inflation – causes and measures were discussed during the session. Highlight of the session was how major economic events whether domestic or international can impact the Indian economy. Students learned to analyze the impacts and measures and also questioned about the further future consequences.

DAY-3

Student participation- 120

Faculty participation- 12

Resource Person-Dr. Praerna Sharma

The third day of the course was in reference to Macro Economics. Major economic variables that were taken by our worthy resource person were theories of Macroeconomics, snapshot of Indian economy, types of unemployment. She explained the concepts in a profound manner. Students actively participated during the questioning. Unemployment was the main topic for discussion by the students.

DAY-4

Student participation- 120 Faculty participation- 12

Resource Person- Ms. Chris Bindra

On the fourth day of the course Micro Economics was elucidated by Ms. Chris Bindra in a very understandable and comprehensive way. Basics to advance every topic were explained in a very clear manner. Concepts were explained diagrammatically. The topics covered almost the whole syllabi of under graduate level.

DAY-5

Student participation- 120 Faculty participation- 12

Resource Person – Dr. Simran Kular and Ms. Anchal Mehta

Growth and development and International Economics were the subjects on the fifth day of the bridge course. The session was highly knowledgeable and comprehensive. Concept, stages, measurement, analysis of development was the main focus of the lecture. Major theories of International economics, exchange rate, role and structure of International organisations were thoroughly discussed. Dr. Simran kular also conducted a quiz in between to stimulate the attention and interest of the students. Students learnt a lot from the session and at the end asked many relevant questions.

DAY-6

Student participation- 120

Faculty participation- 12

Resource Person- Dr.Bhavna Tiwari and Ms. Ayushi Goyal

On the sixth day of the course Quantitative Techniques was manifested by our worthy resource persons. Major topics which were covered were central tendency, dispersion, time series analysis, regression, correlation and interpolation. Students gained enormously from the session. It was an informative and interesting session.

DAY-7 (valedictory session)

Resource person- Dr. Sarab Student participation- 100

Faculty Participation – 12

Dr. Sarab's lecture was based on career opportunities abroad especially in the U.S.A in various fields. She inspired students to have faith in their skills and capabilities. She motivated them to find their ambition, passion, and area of interest and to find the ways of learning which can lead towards greatness. She shared her experiences as a student and explained how teachers play an important role in the success. She actively responded to a lot of questions asked by the students at the end of the session. It was a highly knowledgeable and captivating session thoroughly enjoyed by everyone.

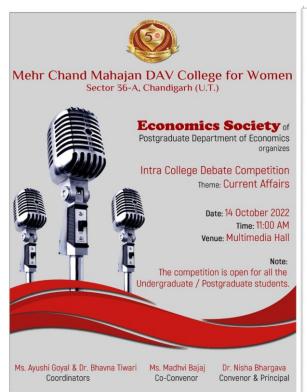


Competition

Intra-College Debate Competition (14th October 2022)

To mark the first event of the newly established Economics Society of Mehr Chand Mahajan DAV College for Women, Chandigarh, an intra college debate was organised by PG Department of Economics on 14th October 2022. The theme was based on current affairs and students debated on various topics related to national and international economic issues in the spheres of healthcare, education, technology, crypto currency, government policies, and the public sector. The debate witnessed a participation of 26 speakers from graduate and post graduate classes of arts and commerce. The topic for the final round was 'Tertiary education is a prerequisite for growth in a developing nation.'

The first, second and third positions were awarded to Dhanu (B.Com III), Kareena Sant (BA III) and Vinus Thakur (BA III) respectively. Debate Competition for students is very influential as ithelps them to boost their confidence, remove the fear of speaking in public, develop critical thinking, how to think and communicate under pressure. Debating remains an important aspect of an educational system and the competition give motivation and learning about current topics. Thus students get benefited from the competition. The event concluded on a positive note as the judges motivated all the participants to keep up the enthusiasm and be a part of further events.





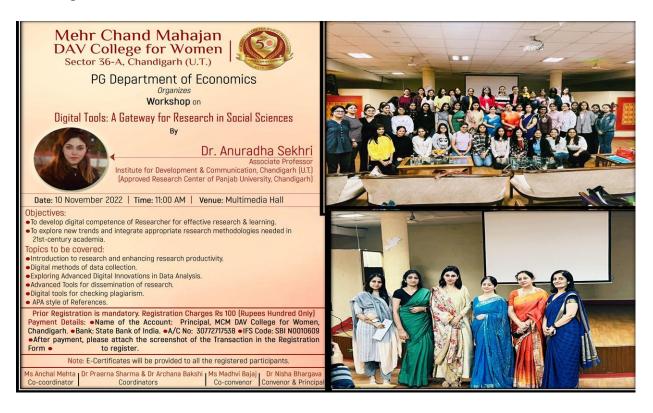


Workshop on

<u>Digital Tools: A Gateway for Research in Social Sciences (10th November 2022)</u>

A workshop on the topic Digital Tools: A gateway for research in social sciences was organised by the Post-Graduate Department of Economics of Mehr Chand Mahajan DAV College for Women, Chandigarh on 10th November 2022. The resource person for the workshop was Dr.Anuradha Sekhri, Associate Professor, and Institute for development and communication, Chandigarh. The resource person for the workshop, Dr. Anuradha Sekhri highlighted the importance of technology and digital tools and resources in research. She also explained how research is the need of the hour for promoting innovation in a fast-growing economy like India. The students were then familiarised with the various nuances of research. Dr. Sekhri explained the research process in a very lucid manner and also discussed numerous ways by which one can enhance research productivity. Various methods of data collection such as Survey Monkey, Mentimeter, Kwik Surveys etc. were also discussed in the workshop. Dr. Sekhri also acknowledged the growing role of AI-based tools which can be used for data collection in the present times. Furthermore, the significance of data analysis in research was elucidated by the resource person and various problems in data analysis faced by researchers were also discussed. Dr.Sekhri acquainted the students with the different tools and software such as SPSS, R, Scipy, Orange etc. which can be used for data analysis. The students were also explained about plagiarism and the ways by which one can check plagiarism.

Dr.Anuradha Sekhri motivated the budding researchers to undertake research and promote innovation in the country for its growth and development. The students gave a very positive response to the workshop. Around 100 students of UG and PG classes participated in the workshop.





Workshop on

skill, attitude and behaviour development (24th January 2023)

A workshop on the topic "Entrepreneurship skill, attitude and behaviour development was organised by the Post-graduate Department of Economics under the aegis of Institution's Innovation Council (5.0) on 24th January 2023.

The guest speakers for the workshop were Mr. Paramjit Singh, Founder and Director Of Regional Centre for Entrepreneurship Development (RCED), Mr. Gursharan Singh, Director of True Success and Mr. Satwinder Singh, Senior Consultant at RCED. A total of 98 students of various courses attended the workshop while the total registrations received were 119

In the **first technical session**, Winner of National Award for Best Motivator in India, Mr. Paramjit Singh highlighted the importance of entrepreneurial skills among the young minds of the country. Mr. Singh laid emphasis on setting up goals and working towards achieving those goals. The students were familiarised with an interesting concept of $5\times5\times5$ which refers to 5 targets of people, 5 flagship programs of the Government of India and 5 emerging industries of future. The 5 targets refer to the areas in which people want to have a career after they complete their education. The 5 flagship programs of the GOI include Make in India, Start-up India, Stand-up India, Skill India and Digital India. These industries are Food Technology, Fashion, Fitness, Fun and Fineness (The 5 Fs). Mr. Singh encouraged and inspired the students to become entrepreneurs and become employment generators.

Mr. Gursharan Singh was the speaker for the **second technical session** of the workshop and focused on the attitude and behaviour development for entrepreneurship. The speaker stressed upon the need and significance of having a right mindset and clarity of objectives for excelling as an entrepreneur. Mr. Singh motivated the students and told that one must never forget one's purpose and one must always have faith in oneself. The audience was told about 3 tenets followed by successful entrepreneurs which are note down, ask yourself about how to apply and apply and check the results. The speaker also told the audience that in order to succeed people should take inspiration from others instead of making unhealthy comparisons. The audience was made aware of the power of belief through a video. By using the under 4-mile story of Olympian Roger Bannister, Mr. Singh told how it is possible to create something which doesn't exist. Mr. Singh inspired the audience with a heart-felt and touching poem about turning dreams into reality.

In the **third technical session** of the workshop Mr. Satwinder Singh Bagga, Senior Consultant at RCED familiarised the students with the Pradhan Mantri Employment Generation Programme (PMEGP). He explained about the nitty-gritty of the programme and also explained about the usefulness of the programme for budding entrepreneurs. The PMEGP is a scheme of the Ministry of Micro, Small and Medium Enterprises which aims to promote self-employment amongst the people. Mr. Bagga also explained about the structure of this scheme and the agencies which are implementing it. Khadi and Village Industries Commission (KVIC) implement the scheme at the nodal level while the Khadi and Village Industries Board (KVIB) and District Industrial Centre (DIC) implement it at the state level. Furthermore, the nature of financial assistance which is provided by the scheme was explained in detail by the speaker

The workshop also had an interactive session where the queries and questions of the audience were answered by the guest speakers. Students get benefited by an informative workshop and also encouraged to step on the path of entrepreneurship.



Workshop on

Problem Solving and Ideation (21st February 2023)

A workshop on the topic "Problem Solving and Ideation" was organised by the Post-graduate Department of Economics under the aegis of Institution's Innovation Council (5.0) on 21st February 2023 from 9:00 AM to 3:30 PM. The resource person for the event was Ms. Shaurya Munjal, Founder and Life Catalyst of Two Hazy Circles. The coordinators of the workshop were Ms. Chris Bindra, Dr. Amandeep Kaur and Ms. Sonali Mehndiratta. A total of 89 students of various courses registered for the workshop and 48 students attended the workshop.

The workshop began with the floral welcome of the resource person. In the first technical session, Ms. Munjal discussed about the process of ideation. The students were told that an idea is not something which is out of the world but it is a simple thought which can create a difference. The speaker also highlighted that there is no such thing as a bad idea and one should not dismiss other's ideas as bad. Rather, one should try to understand the perspective behind the idea. The speaker then taught the students the technique of mind-mapping for making the process of ideation easier and better. Mind-mapping involves writing down a central theme and thinking of new and related ideas which are connected to the central theme. The students were asked to draw a mind map on paper using colourful pens and were guided by Ms. Munjal on how mind-maps can be made more effective. The speaker gave real-life examples from her own business and explained the students that it is perfectly fine for an idea to not work and one must be perseverant enough to bounce back with a new idea. The speaker then discussed the golden circle

of ideation which comprises of three questions: What? How? and Why? with Why being the core of the circle. The students were given a 5-step framework of ideation which includes, setting up of premise, listing ideas, listing resources, categorizing doability and assigning roles and setting timelines. The students then used this framework to solve a case study related to business.

In the **second technical session**, the topic of problem solving was discussed by the speaker. Ms. Munjal laid emphasis on the recognition of the correct problem in any business. The students were explained how recognizing a wrong problem can lead to disastrous results. The speaker taught the students the steps to approach a problem effectively and also highlighted the importance of choosing a correct and concise problem statement. The speaker then gave the ways to arrive at the solution of the problem and encouraged the students to carry out proper research and feasibility study to reach at a full-proof solution rather than making hasty decisions.

The significance of validation of the solution of the business problem was also discussed in the workshop. Furthermore, the students were familiarised with the techniques of implementation of the solutions by enumerating 5 steps which are: Start small. Take feedback. Make alterations. Add more value. Take more feedback. Ms. Munjal also stressed on the importance of being resilient in business.

The **third technical** session comprised of a problem-solving activity and was the highlight of the entire workshop. The students were divided into groups of 4 and were asked to find out the biggest problem faced by them in the college. The groups were required to use the techniques of ideation and problem-solving which were taught earlier in the workshop to come up with the solutions for their respective problems by making use colourful pens and chart paper. The groups were then supposed to present their problems in front of the audience. Each and every group meticulously came up with a unique problem and gave effective solutions to each problem. The problems which were discussed by the groups were: lack of communication amongst peers after COVID-19, lack of internships and practical knowledge, lack of proper channels for dissemination of information in the college, lack of exposure to co-curricular activities and provision for sanitary napkins and cleanliness in washrooms. All the students showed a very positive response towards the workshop and expressed their hope of having such workshops again.



Academic visit

To attend seminar on CENTRAL BANK DIGITAL CURRENCY (e□) (25th January 2023)

Post Graduation Department of Economic organized an academic visit to Hyatt Regency Chandigarh, Industrial Area Phase I. to attend a seminar in lieu of Global G-20 summit. Reserve Bank of India had organized a really insightful seminar on CENTRAL BANK DIGITAL CURRENCY (e□) .The chance of being a part of this session was availed by in total 10 students of MA I (Economics) and MA II (Economics)

Seminar was being conducted by the apex bank of a nation it enhances our expectations about learning experience to another level. Presentation by key position holders of RBI was honor in itself, lucid presentations for conceptual clarity, live demonstration of how to actually use the digital currency, simplification of all the concepts and how this digital currency is better than other already very popular digital payment apps was explained well. How government can use the Central Bank Digital Currency (CBDC) by linking it with various direct cash benefit transfers that govt gives like fertilizer subsidy, LPG subsidy etc became a prominent highlight of the session. The most important feature of CBDC highlighted was its offline use which would be very beneficial and a great advantage for people, and is a step further towards a cashless economy. Seminar provides an opportunity and advantage to students to provide their inputs for the policy implementation. The session wasn't one sided, audience was also given chance to interact It was amazing to learn for students about a possible revolution in the usage of Money.





Competition:

An Intra-college Rangoli and slogan competition (27th February, 2023)

An intra-college rangoli and slogan competition was organised by Econoquest, the Economics Society of the Post Graduate Department of Economics of Mehr Chand Mahajan DAV College for Women, Chandigarh on 27th February 2023. The theme of the competition was 'Economic Inequalities and Poverty'. Nine teams took part in the event and the students depicted the economic issue in the most artistic way possible. The participants portrayed the themes of poverty, inflation, unemployment and inequality through the colours of Rangoli. Slogans were also written to define and add creativity to the rangoli. The judges, Dr Suman Mahajan, Dr Harjot and Dr Deepa applauded the students for their work and motivated them to keep up the enthusiasm. The first position was bagged by Palak and Uditi (BSC) the second position was awarded to Muskan and Harshita (BA) and the third position was attained by Jeevika and Diljeet (BCA). Consolation prizes were also awarded to Vishali and Ramita (BCA).

DIVE INTO THE COLOURS OF RANGOL

MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN Sector- 36A Chandigarh

Economics society "ECOQUEST" of Post Graduate Department of Economics

organizes "Caption with Colours"

(A Rangoli and Slogan Writing Competition)

Theme:- ' Economic Inequalities and Poverty' Date: 27 February, 2023 (Monday) Time:1:15 PM-2:30 PM To submit your entries:- Click here

General Guidelines:-

- Participants are required to bring their own colours or any other necessary material
- Size shall not exceed 4*4 feet. Two students are allowed to make one rangoli.
- Three best entries will be rewarded.
- Slogan should define the rangoli.
- Report at: in front of staff room sharp 1:00 P.M
- The places will be allotted in front of the staff room
- Last date to submit the entry is 26 February, 2023

Student coordinators:-

Jaskirat Singh

Natasha Passi

leeza Dogra

Ruchi

Co-Convener

Ms. Madbvi Bajaj

Teacher coordinators:-

Dr Amandeep Kaur

Dr Bhavna Tiwari

Convener & Principal

Dr. Nisha Bhargava







Competition:

Report on Essay Writing Competition (15th March 2023)

The Post Graduate Department of Economics organized "Power of the Pen" Essay Writing Competition on 15th March 2023 under "Econoquest" the Economics Society. The purpose of this competition was to encourage an art of writing for our budding writers and an opportunity to students to express their views on different economic issues. The competition was open to both UG and PG classes and the entries were invited in handwritten format with word limit from 1200 to 1500 words. The originality, creativity and content were the criteria of judgement. A total of 48 students participated from arts, commerce, medical and computer sciences departments.

The winners of the Competition were 1st Position Jessica of BA III 2nd Position AnmoldeepKaur BA III 3rd Position PrernaGulyani BSC III



Industrial visit:

Claas INDIA PVT. LTD, Morinda (Punjab) on 11April, 2023

The PG Department of Economics organised an industrial visit for MA second year students. About 20 students along with two faculty members (Dr. Archana Bakshi and Ms. Anchal Mehta) went to Claas INDIA PVT. LTD, Morinda (Punjab) on 11April, 2023. It was an exceptional experience as the students got to know about technical concepts involved in the production stage. Lucid presentations and videos helped a lot in knowing the different models of harvesters, tractors and other agricultural equipments. They gained hands-on knowledge and training about the latest machines produced by the company. The HR official of the company explained and demonstrated diverse stages involved in the production of agricultural combines like cutting, bending, welding, painting, warehousing. As part of experiential learning model it was a good exposure regarding aspects of manufacturing, quality control and inventory management.



National Conference:

Two-day multi-disciplinary national conference 'Transformation, Survival and Sustainability in a Post COVID World and Creating a New Bharat' (Dated: 26-27 May 2023

A 2-day multi-disciplinary national conference titled 'Transformation, Survival and Sustainability in a Post COVID World and Creating a New Bharat: Some Dimensions from Punjab and Haryana State' began at Mehr Chand Mahajan DAV College for Women, Chandigarh. Organised by the Postgraduate Department of Economics of the college, the conference is sponsored by Indian Council of Social Science Research (ICSSR), North-Western Regional Centre, Panjab University, Chandigarh.

Prof. Y.P. Verma, Registrar, Panjab University, was the Chief Guest and Prof. Sanjay Kaushik, Dean College Development Council, Panjab University, was the Guest of Honour for the inaugural ceremony of the conference. Prof. Pradeep Chauhan, Kurukshetra University, Kurukshetra, delivered the presidential address and Prof. Aswini Kumar Nanda, CRRID, Chandigarh, delivered the keynote address. Inaugurating the conference, Principal Dr. Nisha Bhargava asserted that in the blind pursuit of materialistic development, human race has ignored nature and environment which invited nature's wrath in the form of COVID outbreak. Highlighting the indispensable role that technology has assumed in our lives, Dr. Bhargava said that the transition to high tech life was to happen gradually but the sudden onset of the pandemic thrust the technology upon us and transformed our lives in many ways. As she shed light on the similarities between the economies of Punjab and Haryana, Dr. Bhargava also drew attention to the lack of inclusive growth, fiscal imbalances, environmental degradation and economic inequalities as the challenges that these two states face. She concluded by suggesting that the current focus of these two economies needs to be inclusive and sustainable growth, and expressing hope that the comprehensive deliberations during the conference on the required policy framework for these two economies will prove fruitful. In his address, Prof. Y.P. Verma said that the fact that COVID has tested our sustainability quotient goes on to show that no technology is complete without the concept of sustainability. He commended the Government of India's initiatives like Vocal for Local, Start Up India, etc., for creating an ecosystem of entrepreneurship and innovation, thereby aiding in the realisation of the dream of Atmanirbhar Bharat, and added that Intellectual Property is the area that India needs to focus upon. Predicting fast growth of the Indian economy, Prof. Verma remarked that India has done exceptionally well in many areas including space and defense, and there is a need for policies to support this growth. Prof. Sanjay Kaushik pointed out the huge difference between the education budget of our country and the fees paid by Indian students migrating to other countries, and added that post COVID, this disparity has increased. Talking about the further marginalisation of the already marginalised strata, unemployment figures, etc., Prof. Kaushik expressed hope that the deliberations during this conference will help to reach a definite solution.

Prof. Pradeep Chauhan opined that education is the most important and potent weapon to fight the problems of inequality and poverty. He said that India is a country with a long history of intellectual property, but unfortunately this asset is migrating to other countries. Terming the youth as the growth engines for economic development, Prof Chauhan impressed upon the need to ignite these engines. Referring to the digital transformation brought about by COVID, Prof Chauhan said that its impact on physical and psychological health, coupled with the problems of privacy and cyber security calls for post COVID surveillance programmes.

Prof. Aswini Kumar Nanda urged the public to recognise the biases in the COVID narrative as the difference between facts and factoids diminished. Stating that a tremendous fall in the GDP and agricultural and industrial production, export challenges, unemployment, health problems, etc., have been some of the economic impacts of COVID, Prof. Nanda asserted that India made a strong comeback due to its resilience. The inaugural session was followed by technical sessions wherein educationists, scholars, researchers and students presented their views, in blended mode, on different sub themes of the conference.







Photography Competition

Econoquest - The Economics Society of PG Department of Economics of Mehr Chand Mahajan DAV College for Women organized a Photography Competition "Captured Livelihoods" in September 2023. The theme of the competition was "Show the pulse of Socio-Economic Realities with your lenses". Deadline to submit was Sept. 18th, 2023. More than 20 students participated from different courses. Entries were judged on the basis of Creativity, Relevance to the Theme, and Thought behind the caption.

A diverse group of student photographers participated actively in the competition. The entries presented a broad range of scenarios, which highlighted both old and new occupations. The photographers sought to capture the essence of each individual profession, giving an insight into different ways that people make a living. The entries weren't just photographs; they were windows into worlds, telling stories of dedication, challenges, and the unique aspects of each livelihood.









The winners are:

Loveleen Kaur (BA 3)	First
Nishtha (B.Com 2)	Second
Diya Sethi (BA 2)	Third



In recognition of their outstanding work, the winners were awarded cash prizes (Rs1000, Rs800 and Rs500 for 1st, 2nd and 3rd position resp.), adding an extra layer of appreciation for their dedication and skill. The prizes were given by Dr Nisha Bhargava, Principal, Ms Madhvi Bajaj, Head, Dept. of Economics, and Dr Bhavna Tiwari, Teacher Coordinator on Nov. 28th, 2023.









Arth Samvad : Economics Newsletter of PG Department of Economics.

Newsletter of economics" **Arth Samvad**" was founded in January 2023. To keep its readers apprised of the economic trends and news. It covers global news, thought provoking editorials, quizzes, puzzles and riddles. In addition, Granth Samvad, a Book of the month, which discuss the take ways of the book along with Ecopedia, an economic dictionary, which will make complex concepts more accessible. Arth Samvad offers an essential platform for them to dive into economics but also guarantees that its readers gain a comprehensive grasp of this ever-evolving field.





NAME: JANVI GOYAL CLASS: BA2 ECO.(HONS.) COLLEGE: MCMDAV, CHD MARKS: 9/10











e-Kuber to be functional on March 31 for govt transactions: RBI



India's direct tax collection up 18% YoY as of October

of October
India's gross direct tox collection for the
period from April 1 to October 9 increased by
17.95% to Rs 10.7 lokh crore, according to the
Ministry of Finance. Not collections were
21.82% higher than the same period last year,
reaching Rs 9.57 lakh crore. Refunds totaling
Rs 1.50 lakh crore were issued during this
period.

INDUSTRY





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FROM STUDENT EDITORS' DESK

WOMEN'S PARTICIPATION AND PAY GAP: A LONG ROAD AHEAD

ITIHAAS KE PANNO



In October 1907, the threat of legislative action against trusts and declining credit caused a financial panic that could have overwhelmed Wall Street. This panic lasted for six weeks and resulted in bank runs and panic selling at the stock exchange. Fortunately, a group led by J.P. Worgan stepped in to provide the necessary funds to stabilize banks and even