



**University School of Humanities & Social Sciences**  
**Guru Gobind Singh Indraprastha University**  
(A State University established by the Government of NCT of Delhi)  
**Sector-16C, Dwarka, New Delhi – 110 078**  
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Ref. No. GGSIPU/USHSS/Misc./2023/.3928  
Dated: 20<sup>th</sup> February, 2023

**WALK-IN INTERVIEW FOR GUEST FACULTY POSITION**  
**UNIVERSITY SCHOOL OF HUMANITIES & SOCIAL SCIENCES**

Guru Gobind Singh Indraprastha University invites eligible and interested candidates to appear for a **walk-in interview** for the position of Guest Faculty in Economics (01 position) for the forthcoming semester (Feb., 2023 to July, 2023) at the University School of Humanities and Social Sciences.

Post	Total No. of Post	Preferred Specialization(s)	Date of Interview and Time	Reporting Time
Guest Faculty (Economics)	01	Game Theory (Copy of syllabus HSECO-704) (Annexure 'A')	28 <sup>th</sup> February, 2023	09:30 a.m.

**Eligibility:**

- 1) A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) from an Indian university, or an equivalent degree from an accredited foreign university.
- 2) The candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M. Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time, as the case may, be exempted from NET/SLET/SET:

Eligible and interested candidates appearing for the walk-in interview for the above-said position are expected to report in Room No. 505, 5<sup>th</sup> Floor, Block-C, University School of Humanities & Social Sciences on 28<sup>th</sup> February, 2023 at 09:30 a.m.

The interview will held in Room No. 504, Block-C at 11:00 a.m.

The candidate should bring with them their latest CV along with original documents and published research papers/book chapters/book along with one set of self-attested photocopies of all relevant documents.

Candidate shall be paid as per norms of the University (See attached Annexure 'B'–Rates relating to Visiting/Guest Faculty for Regular programmes, Point –A & B).

(Vivek Sachdeva)  
Dean, USHSS

**Copy to:**

1. In charge, Server Room Please to upload the notice on the University website.
2. Guard file.

(Vivek Sachdeva)  
Dean, USHSS

**Semester IV**

**Paper Code:** HSECO- 704  
**Nomenclature of Paper:** Game Theory  
**Internal Marks:** 25

**Lectures- 4, Tutorial-1**  
**Total Credit - 5**  
**External Marks:** 75

**Objective:** To enable students to analyse situations in which the payoff of a decision maker depends not only on his own actions but also on those of others. In this course, students would be introduced to the basic tools of game theoretic analysis.

**Course Outcome (COs):**

**CO1: Knowledge** - Introducing to the modelling tool of game theoretic analysis

**CO2: Synthesis** - Imparting knowledge about the strategic environment and the advantage of moving first

**CO3: Application** - Applying well bounded strategies in bidding, bargaining and Auction

**CO4: Comprehension** - Demonstrating simple games involving both sequential- and simultaneous-moves

**CO5: Analysis** - Analysing Strategic decision in various business environments

**Unit – I Normal form games**

The normal form-dominant and dominated strategies-dominance solvability-mixed Strategies in static Games-Nash equilibrium-symmetric single population games-applications.

**Unit – II Extensive form games with perfect information**

The game tree strategies-subgame perfection in an equilibrium-backward induction in finite games-commitment-bargaining-other applications.

**Unit – III Repeated Games.**

Finitely repeated games and backward induction-infinitely repeated games-history dependent Strategies-one-step deviation property-the repeated prisoners' dilemma-idea of folk theorem.

**Unit – IV Simultaneous move games**

Strategies-Bayesian Nash equilibrium-auctions-other applications. Extensive form games with imperfect information. Strategies-beliefs and sequential equilibrium-applications. Adverse selection-moral hazard-signalling games.

**Suggested Readings:**

Martin J. Osborne, *An Introduction to Game Theory*, Oxford University Press, New Delhi, 2004.

Martin J. Osborne, *A Course in Game Theory*, MIT Press, 1994.

Robert Gibbons, *Primer In Game Theory*, Financial Times/ Prentice Hall, 1992.

Binmore, *Game Theory: A Very Short Introduction*, Oxford University Press; Edition Eighth, 2007.

Mas Colell Andrew, Whinston Michael, Green Jerry, *Microeconomics Theory*, Oxford; First edition, 1995.

(Any other reading materials and case studies to be provided by the instructor in the class)



Approved by 53<sup>rd</sup> BOM held on 15.03.2013

**I. RATES RELATING TO ACADEMIC, ADMINISTRATIVE & OTHER ACTIVITIES IN THE UNIVERSITY**

**A. GUEST FACULTY REGULAR PROGRAMME (INCLUDING PH.D. PROGRAMMES)**

S. N.	Designation	Rates			
		4 credits	3 credits	2 credits	1 credit
1	Professor	Rs. 56000	Rs. 42000	Rs. 28000	Rs. 14000
2	Associate Professor	Rs. 48000	Rs. 36000	Rs. 24000	Rs. 12000
3	Assistant Professor	Rs. 42000	Rs. 31500	Rs. 21000	Rs. 10500

**B. VISITING / GUEST FACULTY FOR REGULAR PROGRAMMES**

S.No.	Designation	Rates	
1	Professor	Rs. 1500/- Per lecture of 2 hour	Conveyance Rs. 1000/-
2	Associate Professor	Rs. 1250/- Per lecture of 2 hour	Conveyance Rs. 1000/-
3	Assistant Professor	Rs. 1000/- Per lecture of 2 hour	Conveyance Rs. 1000/-

**C. HONORARIUM / CONVEYANCE FOR OUTSIDE EXPERT / MEMBERS FOR ATTENDING MEETINGS**

Sr. No.	Rates
1	Rs. 4000 + 1000* Conveyance - For Court, BOM, Academic Council, FC, Planning Board, BOA
2	Rs. 3000 + 1000* Conveyance - For Selection Committee and other Expert Committee meetings of University, Board of Studies of USS etc.
3	Rs. 2000 + 1000 Conveyance - For internal Member deputed in Affiliation and other inspection work including quality audit etc.

\*Actual bill produced shall be reimbursed.

**D. WEEKEND PROGRAMME (SELF FINANCED)**

S. No.	Designation	Rates			
		4 Credits	3 Credits	2 Credits	1 Credit
1	Professor	Rs. 80000	Rs. 60000	Rs. 40000	Rs. 20000
2	Associate Prof.	Rs. 72000	Rs. 54000	Rs. 36000	Rs. 18000
3	Asstt. Professor	Rs. 64000	Rs. 48000	Rs. 32000	Rs. 16000
4	Practical	Rs. 18000	-	-	-
5	Dean / Director	Rs. 15,000/- per semester upto 180 student and beyond that Rs. 20,000/- per semester.			
6	Coordinator	Equivalent to 3 credits teaching load as per designation (Professor / Associate Professor / Assistant Professor)			
7	Additional Coordinator (per semester) for each programme	Equivalent to 3 credits teaching load as per designation (Professor / Associate Professor / Assistant Professor) The payment will reduce to 2 credits in case Coordinator takes 4 credits theory / lab load in addition to Addl. Coordinator work.			

*Handwritten signature*