

Program	BS Physical Education	Course Code	PE-205	Credit Hours	02
Course Title	Talent Identification in Sports (Theory)				
Course Introduction					
This course explores the principles and methodologies of talent identification in sports. Students will learn about the physiological, psychological, and technical factors contributing to athletic talent. The course will cover various models and systems used to identify and nurture talent, focusing on practical applications and the development of assessment tools.					
Learning Outcomes					
On the completion of the course, the students will:					
<ul style="list-style-type: none"> • Understand the key concepts and theories of talent identification in sports. • Analyze the physiological, psychological, and technical attributes relevant to talent in different sports. • Evaluate different models and approaches to talent identification. • Develop and implement assessment tools for identifying sports talent. • Apply knowledge of talent development to design effective training programs. • Critically assess the ethical and practical issues in talent identification. 					
Course Content					Assignments/Readings
Week 1	Introduction to Talent Identification <ul style="list-style-type: none"> • Definition and importance of talent identification • Historical perspectives and evolution of talent identification in sports • Overview of the course. 				From Books and Class Lectures
Week 2	Theories and Models of Talent Identification <ul style="list-style-type: none"> • Overview of Talent Identification Models • Genetic vs. environmental factors in talent development • Key theoretical frameworks. 				From Books and Class Lectures
Week 3	Physiological Aspects of Talent Identification <ul style="list-style-type: none"> • Physiological characteristics of elite athletes • Assessment of physical attributes (e.g., strength, endurance, flexibility) • Case studies and practical applications 				From Books and Class Lectures
Week 4	Psychological Factors in Talent Identification <ul style="list-style-type: none"> • Psychological traits of successful athletes 				From Books and Class Lectures

	<ul style="list-style-type: none"> • Assessment of mental attributes (e.g., motivation, resilience, focus) • Case studies and practical applications. 	
Week 5	<p>Technical and Tactical Skills in Talent Identification</p> <ul style="list-style-type: none"> • Importance of technical and tactical skills in different sports • Methods for assessing skills • Case studies and practical applications 	From Books and Class Lectures
Week 6	<p>Talent Identification in Team Sports</p> <ul style="list-style-type: none"> • Specific considerations for team sports • Assessment tools and techniques • Examples from various team sports. 	From Books and Class Lectures
Week 7	<p>Talent Identification in Individual Sports</p> <ul style="list-style-type: none"> • Specific considerations for individual sports • Assessment tools and techniques • Examples from various individual sports. 	From Books and Class Lectures
Week 8	<p>Practical Session: Developing Assessment Tools</p> <ul style="list-style-type: none"> • Designing and implementing talent identification tests • Analyzing and interpreting test results • Hands-on practice and feedback 	From Books and Class Lectures
Week 9	<p>Long-Term Athlete Development (LTAD)</p> <ul style="list-style-type: none"> • Principles of LTAD • Stages of Athlete Development • Integration of talent identification and LTAD 	From Books and Class Lectures
Week 10	<p>Talent Development Programs</p> <ul style="list-style-type: none"> • Designing effective talent development programs • Balancing training, competition, and recovery • Case studies of successful talent development programs 	From Books and Class Lectures
Week 11	<p>Role of Coaches and Support Staff in Talent Identification</p> <ul style="list-style-type: none"> • Importance of coaches in talent identification • Training and development of coaches • Role of support staff (e.g., nutritionists, psychologists) 	From Books and Class Lectures
Week 12	<p>Ethical Considerations in Talent Identification</p> <ul style="list-style-type: none"> • Ethical issues and dilemmas • Ensuring fair and unbiased assessment • Case studies and discussions 	From Books and Class Lectures

Week 13	Technological Advances in Talent Identification <ul style="list-style-type: none"> • Use of technology in talent assessment (e.g., wearable devices, video analysis) • Emerging trends and future directions • Practical applications and demonstrations 	From Books and Class Lectures
Week 14	Case Studies of Talent Identification Systems <ul style="list-style-type: none"> • Analysis of talent identification systems in different countries • Success stories and lessons learned. • Comparative analysis. 	From Books and Class Lectures
Week 15	Practical Session: Implementing a Talent Identification Program <ul style="list-style-type: none"> • Developing a comprehensive talent identification program • Practical implementation and evaluation • Group presentations and feedback 	From Books and Class Lectures
Week 16	Review and Final Exam Preparation <ul style="list-style-type: none"> • Review of key concepts and principles • Mock exams and practice questions • Final exam preparation 	

Textbooks and Reading Material

Textbooks

- Baker, J., Cobley, S., & Schorer, J. (Eds.). (2020). Talent identification and development in sport: International perspectives. Routledge.
- Bloom, B. S. (2019). Developing talent in young people. Ballantine Books.
- Comoutos, N., & Sermetakis, G. (2023). Talent identification and development in sports performance. Nova Science Publishers.
- Coyle, D. (2020). The talent code: Greatness isn't born. It's grown. Here's how. Bantam Books.
- Epstein, D. (2021). The sports gene: Inside the science of extraordinary athletic performance. Current.
- Gladwell, M. (2019). Outliers: The story of success. Little, Brown and Company.

Suggested Readings

- **Journals:** Journal of Sports Sciences, International Journal of Sports Physiology and Performance, Talent Development & Excellence
- **Websites:** International Olympic Committee (IOC), National Institutes of Health (NIH), Talent Identification & Development (TID) Research Group
- **Videos:** Online tutorials and lectures on talent identification and development