

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB
Syllabus of BBA(Sports Management)
(Effective for 2020-2021 Admission Session)
Choice Based Credit System
140 Credit (3-Year UG) MAKAUT Framework
w.e.f 2020-21

2nd SEMESTER

Subject Type	Course Name	Credit Points	Credit Distribution			Mode of Delivery			Proposed Moocs
			Theory	Practical	Tutorial	Offline	Online	Blended	
CC 3	Computer systems for Facilities Planning & Management	6	5	0	1	✓			As per MAKAUT notification
BSM 201									
CC 4	Contemporary Issues and Sports Marketing	6	5	0	1	✓			
BSM 202									
GE 2	Students will have to select from the GE Basket	6						✓	
AECC 2	Environmental Science	2	2	0	0	✓			
BSM 265									
Semester Credits		20							

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Paper Name: Computer Systems for Sports

Paper Code: BSM – 201

Contacts Hours / Week: 5L+1T

Credits: 6

Course Objective: The primary objective of Computer Application in Sports is highlighting the ICT use positive influences upon physical education and sports. The gradual computerization outcomes in the domain can be summarized in the following aspects: educational software, activity designing and planning, result recording, motion examination, video analysis, performance comparing and synchronizing, distance and time measurements and activity evaluation.

Course Outcomes (CO):

Sl. No.	Course Outcomes	Mapped Module
1	Identify effective acquisition and refinement of motor skills through use of ICT technique.	M1, M2
2	Define the use of ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources and develop digital literacy as applicable to the professional needs.	M2
3	Ability to illustrate critical thinking and efficient problem solving skills through development of new strategies are expected attributing factors	M1, M3
4	Define and examine comprehensive knowledge about materials and skills required for identifying Physical Education related problems and formulate problem solving issues, including current research in Physical Education.	M4, M5

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Module Number	Content	Total Hours	%age of questions	Blooms Level (if applicable)	Remarks (If any)
M1	Basic Computer Concepts	10	14	1,3	NA
M 2	Computer Hardware	10	14	1, 3	NA
M 3	Computer Software	12	24	1,2	NA
M 4	Computer networks and Internet	12	26	1,4,6	NA
M 5	Computer Applications	12	22	1,4,6	NA

Course Contents

<p>Module 1 Basic Computer Concepts – Different generations of computer hardware; Modern taxonomy of computers; Hardware and software; Programming languages; Problem solving and algorithms; Basic computer applications; General idea of information and communication technologies; Information system development process. [Total Hours – 10 Hrs]</p>
<p>Module 2 Computer Hardware – Input and Output devices; Memory (or storage) devices; Central Processing Unit. Input / Output devices: keyboard, mouse, light pen, barcode readers, scanners, MICR, OCR, voice recognition and pen drive handwriting recognition systems; visual display terminals, printers, plotters etc. Storage devices: Primary storage – RAM, ROM, EEROM, PROM, EPROM; Secondary storage – direct access devices, serial access devices: hard disks, CD-ROM, DVD Central Processing Unit – Control Unit. [Total Hours – 10 Hrs]</p>
<p>Module 3 Computer Software – Meaning of software; broad classification of software; system Software and application software; utilities. Systems software – Operating systems: Basic idea of an OS; OS as a resource manager – memory management, input/output management, secondary storage management, processor management, program management, network management; Brief introduction to different types of operating systems like DOS, Windows, Unix, Linux etc. [Total Hours – 12 Hrs]</p>

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Module 4

Computer networks and Internet – Basic concepts of computer networks; local area networks and wide area networks; switches, hubs, routers, idea of distributed systems; the Internet and the World Wide Web.

[Total Hours – 12 Hrs]

Module 5

Computer Applications: Essential features of computer systems and structures required for office automation, communications, control systems, data acquisition, interactive multimedia, networking, parallel processing and neural networks.

[Total Hours – 12 Hrs]

Suggested Readings

1. Mano – Computer System Architecture; Pearson Education
2. Tanenbaum – Structured Computer Organization, Pearson Education
3. Martin & Powell – Information Systems: A Management Perspective; mcgraw-Hill
4. Laudon & Laudon – Management Information Systems: Pearson Education
5. Comer: Computer Networks and the Internet: Pearson Education
6. Graham Curtis – Business Information Systems: Addison Wesley.
7. Handbook of Computer Fundamentals, Nasib Singh Gill, Khanna Publishing House

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Paper Name: Contemporary Issues in Sports - Facilities Planning and Management

Paper Code: BSM – 202

Contacts Hours / Week: 5L+1T

Credits: 6

Course Objective: The course is designed to provide a ready understanding of contemporary issues in the area for Sports Management. The learner will be able to use knowledge from the course to evaluate and discuss how insights from contemporary issues in sport management can be used to develop modern sport institutions. Students are expected to be able to apply insights from contemporary issues in sport management to critically consider alternative ways to manage sport institutions.

Course Outcomes (CO):

Sl. No.	Course Outcomes	Mapped Module
01	Analyse how rules and ethics associated with contemporary sport have been, and continue to be, under negotiation.	M3, M4
02	Explain specific themes and problem areas within contemporary issues in sport management and interpret how knowledge about the contemporary issue can be applied in sport institutions.	M1
03	Develop knowledge and appreciation of the relationship between physical education and sport.	M2, M4
04	Relate and determine the ways in which values, judgement and policies have impacted on sport and education.	M5, M6

Module Number	Content	Total Hours	%age of questions	Blooms Level (if applicable)	Remarks (If any)
M1	History of Modern Sports	08	15	2	NA
M 2	Physical Education and Sports	08	10	2,3	NA
M 3	Role of Government in Promotion of Sports	10	15	4	NA
M 4	Social, Cultural and Political Environment of Sports Organizations	10	15	3, 4	NA
M 5	Facility Management	10	20	1, 5	NA

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M6	Management and Maintenance of Outdoor Facilities	10	25	1, 5	NA
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Course Contents

<p>Module 1 History of Modern Sports and other Forms of Organized Physical Activity: A Historical Overview of Sports, Evolutionary Processes of Modern Sports, Relation between Physical Education and Sports, Exercise Physiology. [Total Hours – 08 Hrs]</p>
<p>Module 2 Physical Education and Sports: History and Principles of Physical Education, Organization, Administration and Methods in Physical Education, Supervision and Curriculum Design in Physical Education. [Total Hours – 08 Hrs]</p>
<p>Module 3 Role of Government in Promotion of Sports: Role of the Ministry of Human Resource Development in Development of Sports and Physical Education, various Boards and Statutory Bodies established by Govt. For control and promotion of Sports, their roles and functions, importance and contributions. [Total Hours – 10 Hrs]</p>
<p>Module 4 Social, Cultural and Political Environment of Sports Organizations: Role of Sports In Society, issues that Sports Administrators face on day to day basis in the contemporary world, Drug abuse and gratuitous violence. [Total Hours – 10 Hrs]</p>
<p>Module 5 Facility Management – the Concept, Sports structures and facilities, Evolution of Sports Facility, Sports Facility Management, Sports Facility Manager, Sports Facility Planning Guidelines, Sports Facilities for Physical Activity Programme, Construction. [Total Hours – 10 Hrs]</p>
<p>Module 6 Management and Maintenance of Outdoor Facilities, Attributes of Outdoor Facilities, Playfield Maintenance – General Guidelines, Construction, Management and Maintenance of Indoor Facilities, Gymnasium, Swimming pool, etc. [Total Hours – 10 Hrs]</p>

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Suggested Readings

1. M.L. Kamlesh – Management Concept in Physical Education, Metropolitan Book Company.
2. Fried, G., & Kastel, M. (2020). *Managing sport facilities*. Human Kinetics.
3. March L. Krotee, Charles A. Butcher - Management of Physical Education and Sports; Tata Mcgraw-Hill
4. Ammon, R., Southall, R. M., & Blair, D. A. (2004). *Sport facility management: Organizing events and mitigating risks*. Fitness Information Technology.

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AECC 2- Environmental Science

Semester Credits- 2T

Course Objective: The course is designed to provide a working knowledge of environment, ecology and physical sciences for problem solving. The learner will be able to remember, understand and apply the taught concepts and methods involving social and environmental processes for betterment of environmental health and safety.

COURSE OUTCOMES (CO):

Sl	Course Outcome	Mapped modules
1	Be able to remember the basic concepts related to environment & ecology	M1,M2
2	Be able to remember & understand the scientific problem related to air, water, noise & land pollution	M1, M2
3	Be able to understand environmental laws , regulations , guidelines and n applying those for maintaining quality of environmental health and safety .	M1, M2,M3

Module Number	Content	Total Hours	%age of questions	Covered CO	Blooms Level
Module 1	Environmental Concepts	7	30%	1,2	L1
Module 2	Resources & Pollution	6	30%	2,3	L1, L2
Module 3	Environment Management	7	40%	1,2,3	L2,L3

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SYLLABUS

Module 1: Environmental Concepts – Definition & basic concept of Environment & Ecology, man, society & environment, their interrelationship, Elements of ecology elements of ecology - species, population, community, definition of ecosystem- Structure & function of ecosystem (Bio geo chemical cycles, food chain, energy flow, ecological pyramid), Biodiversity & its threats and remedies. [7]

Module 2: Resources & Pollution – renewable & non-renewable resources, Bio-degradable and non-biodegradable pollutants, Sources & Effects of Pollution, Methods of Control (Air, Water, Land, & Noise)

Module 3: Environment Management - Concept & scope of environment Management, National environmental policy & Environmental Legislations in India, Environment Management System – ISO 14000, Environmental Audit, Eco mark, green Industry, Cases on Environment Impact Assessment.

REFERENCES

Suggested Readings

1. N.K. Oberoi: Environmental Management, Excel Books
2. G.N. Pandey: Environmental Management, Vikas
3. K.M. Agrawal & P.K. Sikdar: Text Book of Environment, MacMillan
4. L.W. Canter: Environmental Impact Assessment, McGraw Hill
5. M.P. Poonia & S.C. Sharma, Environmental Studies, Khanna Publishing House (AICTE Recommended Textbook – 2018)
6. Masters, G. M., “Introduction to Environmental Engineering and Science”, Prentice-Hall of India Pvt. Ltd.,1991.
7. De, A. K., “Environmental Chemistry”, New Age International
8. Fundamentals of Ecology -Odum, E.P.
9. Instant notes on Ecology -Mackenzie, A., Ball, A.S. and Virdee, S.R. (1999) Viva Books
10. G. Dasmahapatra – Basic Environmental Engineering & Elementary Biology, Vikas Publication
11. Environmental Science, Cunningham, TMH
12. Environmental Pollution Control Engineering, C.S.Rao,New Age International
13. Environmental Science, Wright & Nebel, PHI
- 14.Environmental Pollution Analysis, S.M.Khopkar, New Age International