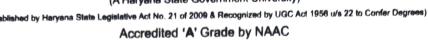
Name of the programme	Name of Course	Duration of Course	Number of seats sanctioned	Eligibility Criteria
B.Sc. (Hons.)	Physics	3	60	Passed 10+2 or equivalent Examination securing a minimum of 50% marks in the aggregate(45% for SC/ST candidates of Haryana only) in the subjects Physics, Mathematics and Chemistry and must have passed in each of the concerned three subjects (as supported by the Certificate issued by the recognized examining body). Result awaited (Qualifying Exam.) candidates can apply.



J.C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)





Dated: 17/08/2021

Department of Physics

FORMAT for Program-specific Career Options to be uploaded on Council's Website:

1	Program of Study and its duration	B.Sc. (H) Physics: 3 Years Program M.Sc. (Physics): 2Years Program Ph.D. Program
2	MOU's and Collaboration which visits Campus for recruitment	NA
3	Business Houses/Companies which visits Campus for recruitment	NA
4	Details of Business Houses/Companies offering in- industrial projects/training	NA
5	Projects/training offered by University	Six months project work for M.Sc.(Physics) students
6	Entrepreneurship Opportunities	Start-ups based on: 1. Energy storage device applications eg. Solar cell panels and semiconductor devices 2. Graphene based nano-composites. 3.Metal Organic Frameworks (MOFs) based masks 4. Aluminium and Manganese doped ZnO nanoparticles can be utilized to produce LEDs
7	Opportunities in Education Sector	Students are qualifying UGC CSIR- NET, GATE, JEST, HTET, CTET and have job opportunities as TGT (Science), PGT (Physics), Lecturer (Physics), and Assistant Professor (Physics) etc. DIETs
8	Opportunities as Social Worker	Deal with social issues such as unemployment, education etc.
9	Opportunities in other Nations	Research collaborations in international labs.
10	Opportunities as an Academician	Enhancement of knowledge; expand the teaching, research, and publishing prospects and also promote the understanding of fundamental as well as applied concepts in the respective research area in a good manner

Opportunities as Consultant Provide consultancy in: 1. Air Quality Index Monitoring 2.Renewable Energy Production an Storage 3.Implants in medical field 4.Optoelectronic devices 5.Electronic display panels Opportunities for self-employment and How program leads to livelihood? Opportunities in various teaching platforms like Unacademy, ByJus, Vedantu etc, Materials Research Society of India (MRSI) The Indian Science Congress Associat (ISCA) IEEE Aptness of the program with future challenges Revisions are done in the syllabus from time to time to incorporate the latest in the field. Can program contribute in rural development? How? Increasing the quality of education in rural areas can significantly impact the development of employment opportunities Increase in productivity of rural labour force: education can improve labour productivity in rural areas, increasin the wealth of a region or area.			1 17 1 17 1
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Inter University Accelerator Centre			Laboratory (CSIR–NPL)
			Inter University Accelerator Centre
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Ashams
Chairperson 17/2/2/.
Department of Physics JC Bose University of Science & Technology YMCA Faridabad