

Name of the programme	Name of Course	Duration of Course	Number of seats sanctioned	Eligibility Criteria
B.Tech.	Computer Engineering	4	120	Passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry/ Biotechnology/ Biology/ Technical Vocational subject. Obtained at least 45% marks (40% in case of candidates belonging to reserved category) in the above subjects taken together.

Format for Program – Specific Career Options to be uploaded on Council’s Website:

1	Program of Study and its duration	B.Tech 4years, M.Tech 2 years
2	MOU’s and Collaboration of this program	Annexure A
3	Business Houses/ Companies which visits Campus for recruitment	TCS, Samsung, STM, ATC, Sapient, MPHRX, Newgen, Code brew lab, Pay U, Adobe, Gemini Solutions, Yamaha, E-care, Capgemini, Amazon, Yugasa Software Labs & United Health Group, Yugasa Software Labs, Lybrate, Green Apple IT Solutions, Ex-Squared, Wipro, HCL, Conect2India, 1MG, Squadrun
4	Details of Business Houses/ Companies offering in-industrial projects/training	Cognizant, Josh Technology Group, Indiamart Intermesh Limited, Samsung, Cred, Next Dimension Technologies Private Limited, Roboticwares innovation Pvt Ltd (FAREYE), Next Dimension Technologies pvt.Lmt., Gemini Solutions, STS DIGITAL SOLUTIONS, AMAZON, Ex2 Solutions India Pvt Ltd, Square Dotcom Pvt.Ltd., Cogniscent Business Solutions, SQUARE DOTCOM PVT. LTD., Amazon India, COGNIZANT, Samsung R&D Institute India – Noida Indiamart Intermesh Limited STMicroelectronics Samsung Squareyards WEBSPOOL (OPC) PRIVATE LIMITED Yamaha Motor Solutions India Pvt. Ltd. Postdot Technologies Private Limited indiamart Venture sky

STMicroelectronics
Digital Media Hawk Private
Limited
Demosthenes technologies
private limited
JC Bose University of Science and
technology, Faridabad
Venture Sky
BNY Mellon Technology Private
Limited
Squareyards
Square Dotcom Pvt.Ltd.
EX2 Solutions India Private
Limited
Samsung
Rahul associate
Akculture Management
Services (OPC) pvt ltd
SRI-Noida
Next dimension
EX2 Solutions India Pvt. Ltd.
DistrictD
Next dimension technologies
private limited
Gemini Solutions
Amazon
Samsung Research Institute,
Noida
BNY Mellon
Amazon
digital media hawk private
limited
EPYC Thoughtworks Pvt. Ltd.
Yamaha Motor Solutions India
Pvt. Ltd.
STMicroelectronics
Samsung Research &
Development Institute, Noida
Samsung R&D
Amazon Development Centre
India
SquadStack
Digital Media Hawk Private
Limited
Akculture Management
Services (OPC) Pvt Ltd
DCM Infotech Limited
Solitaire Infosys Pvt. Ltd

		<p>Onetick Technologies Pvt Ltd Samsung R&D Institute India, Noida S.O. Infotech (p) LTD. Itenic technologies Digital Media Hawk Private Limited Techosoft Technologies Next Algorithms</p>
5	Projects/training offered by University	Minor and Major projects during Course Curriculum, Inplant training facility is provided by university
6	Entrepreneurship Opportunities	University has its own startup cell for promoting Entrepreneurship and to build a sustainable Eco-System of Research and Development and Innovation. Computer Engineering department equip student about Entrepreneurship, workshops and training and department motivates and support students to develop their own startup.
7	Opportunities in Education Sector	<ul style="list-style-type: none"> - Skill based knowledge is provided to students which helps them to come in education sector. - University also provides higher education like PG courses and PhD courses to boost opportunities in the education sector.
8	Opportunities as Social Worker	<p>University has adopted five villages under Swachh Bharat Mission:</p> <ul style="list-style-type: none"> i. AlipurSikargah ii. Sehwak iii. Tillori Khaddar iv. Dungarpur v. Tajpurd <p>Apart from the cleanliness drive,</p>

		NSS camps, Blood Donation Camps, Health check-up camps, tree plantation drives etc. are proposed by the university to inculcate in the adopted villages. Engineering students takes part in these camps and drives. Through these drives they get motivated to start their own NGO's.
9	Opportunities in Other Nation	University has International Affairs Cell.
10	Opportunities as an Academician	Research projects and subjects related to latest technologies are there in every semester of the students which boost their academic opportunities.
11	Opportunities for Nation Development	B.Tech candidates are in great demand in the Indian job sector currently. They have the opportunity to work in the public sector as well as in the private sector. Right now, India is considered to be one of the growing IT destinations of the world. B.Tech has a lot of scope in India considering our nation's penchant for IT. B.Tech is considered as one of the technical and professional degrees, leading to a successful and bright career.
12	Opportunities as Consultant	Consultancy projects are there.
13	Opportunities for self-employment and How program leads to livelihood?	<ul style="list-style-type: none"> - Department enrich students with knowledge on latest technologies and curriculum is designed in such a way that students have to work upon one project per semester. So students can show their skills on freelancer. - Various different events are also organized by the students.
14	Role/Details of Specific Membership for the program	AICTE

	(for e.g. CII, AIMA, ISTE, IAA etc.)	
15	Aptness of the program with future challenges	Time to time Syllabus revision of the programmes to meet future challenges
16	Can program contribute in rural development? How?	University has adopted five villages under Swachh Bharat Mission. So students of the department participates in various activities comes under the mission.
17	Industrial Visits related to the program made by students	6 months Industrial training as a part of curriculum

[Handwritten Signature]
17/8/2021

HOD/ Chairperson
Department of Computer Application
J. C. Bose University of Science & Technology YMCA,
Faridabad

Annexure A

1. MoU with National Institute of Technical, Teachers and Research (NITTTR):
 - To promote technical teachers training requirements at National Level.
2. MoU with Ambedkar Institute of Technology:
 - To recognize the importance of research and development.
 - To exchange Staff and Students (Faculty & Research Scholars; Doctoral Students regarding Academics and Research for the mutual benefit of both institutions.
3. MoU with ICT Academy
 - To initiate Faculty Development, Youth Empowerment, Student Skill Development, Entrepreneurship Development, Industry- Institute Interaction, Digital Empowerment and Research & Publications.
4. Acezd Consultancy Pvt. Ltd.
 - To conduct Technical Projects in University campus.
 - To conduct practical trainings, seminars, competitions and technical courses to help students to gain skills.
5. MoU with R.V College of Engineering
 - To promote academic tie-ups with prominent institutions
6. MoU with AICTE
 - To conduct joint training programs for teachers on technical education quality parameters and provide certification to them.
7. MoU with Software Technology Parks of India (STPI) Gurugram
 - To promote research in block chain technology.
 - To create an eco-system for generating human resources and new generation entrepreneurs through mutual cooperation in the area of block chain technology.