Career Guidance on

Computer Applications and Sciences

Course Description and Career

Computer Applications and Sciences
Course Description and Career Prospects

Course Description

Computer Applications and Sciences focus on software development, application development, web development, game development, and more. Students interested in these fields will find this course beneficial. It involves coding, testing, and implementing software and offers various career opportunities such as computer programmer, software developer, system analyst, etc.

Available Degrees

- ***BCA.*** - 3 Year - 10+2 any stream with Maths
-     (Bachelor of Computer Applications)

- ***B.Com (CS)*** - 3 Year - 10+2 any stream with Maths
    (B.Com with Specialization in Computer Science)

- ***B.Sc. (CS)*** - 3-4 years - 10+2 any stream with Maths
    (B.Sc. with Specialization in Computer Science)

- ***B.Sc. (IT)*** - 3-4 years - 10+2 any stream with Maths
    (B.Sc. with Specialization in Information Technology)

- ***BBA. (IT)*** - 3 years - 10+2 any stream with Maths
    (BBA with Specialization in Information Technology)

- ***BCA+MCA*** - 5 years - 10+2 any stream with Maths
    (Integrated Bachelor & Masters of Computer Applications)

- ***B.Sc. + M.Sc. (IT)*** - 5 Years - 10+2 any stream with Maths
    (Bachelor of Technology (Agriculture))

> "The greatest enemy of knowledge is not ignorance, it is the illusion of knowledge."
> — Stephen Hawking

Career Prospects

- Teaching at School/University
- Application Development
- Indian Civil Services
- Web Designing
- Corporate Jobs
- Networking & System Analyst
- Merchant Navy
- E-Commerce & Marketing Sector
- Start Own IT Venture
- Higher Studies in Respective Field
- Systems Management
- Database Systems
- Quality Assurance Analyst
- Central Research Organizations
- Banking Sector
- Multimedia and Animation

Career Prospects

- Artificial Intelligence
- Cloud Computing
- Automation
- Cryptography
- Block Chain
- Machine Learning
- Internet of Things (IOT)
- Networking
- Game Design
- Cyber Security
- Ethical Hacking
- Information Management System
- Digital Marketing
- UI/UX
- SEO/SEM
- Data Science
- Robotics
- Animation & VFX
- Business Analytics
- Fintech
- Computer Science
- Software Development/ Web Development/App Development

Entrance Exams for Computer Application related Courses

- CUET (UG) (Common University Entrance Test)

- SET-GENERAL (Symbiosis Entrance Test)

- CUET (Christ University Entrance Test)

- UGAT (Under Graduate Aptitude Test)

- Computer-CET 114 (Common Entrance Test)

- BU-MAT (Undergraduate Mgmt. Aptitude Test)

- SSSIHL-UGT (Under Graduate Test)

- KALSEE (Kalinga Scholastic Entrance Examination)

- UG-JET (Jain Entrance Test)

- KIIT-EE (KIIT Entrance Test)

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- AMU-ET (Aligarh Muslim Univ. Entrance Test)

- AU-ET (Assam University Entrance Test)

- MITWPU-UGPET (MITWPU – UG Pre Entrance Test)

- KIUAT (Karnavati University Admission Test)

Computer Applications Program across various Colleges in India

- Computer Applications Program at GGS Indraprastha University, Delhi & its Affiliated Colleges
- BCA Program at Bharati Vidyapeeth, Pune
- B.Sc. in Computer Science Program at SSSIHL University, Andhra Pradesh
- BCA & B.Sc. CS Program at Kalinga University, Chhattisgarh
- BCA & B.Sc. Allied Programs at Jain University, Bangalore
- BCA Program at - Bhubaneshwar
- Computer Science at KIIT University Bhubaneshwar
- B.Sc. (Hons.) Computer Applications at Aligarh Muslim University, Aligarh
- B.Sc. Computer Science Program at Assam University, Silchar
- B.Sc. in Computers and BCA Programs at MITWPU, Pune
- B.Sc. Computer Science related programs at Karnavati University, Ahmedabad
- Computer Sciences and Applications Programs at Christ University, Bangalore Central Campus and Delhi NCR Off Campus
- BCA / B.Sc. (CS/IT) / B.Voc. (CA) courses at Central, Public and Private Universities who have opted to take UG admissions through CUET across India

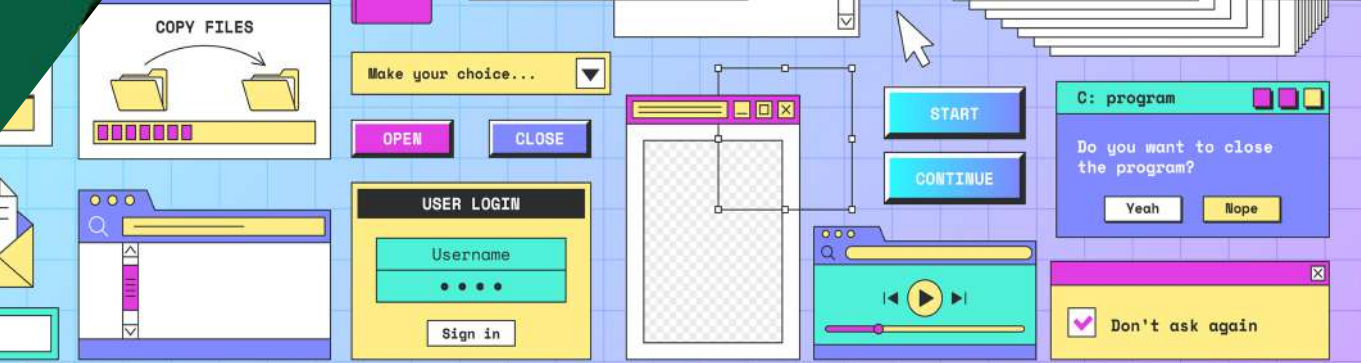Exams for Computer Application related Courses

For admission to:
- SET-GENERAL (Symbiosis Entrance Test)
- Computer Applications Program at Symbiosis Institute of Computer Studies and Research, Pune

Websites:

- https://www.set-test.org/
- https://christuniversity.in/
- https://cuet.samarth.ac.in/
- https://apps.aima.in/
- http://www.ipu.ac.in/
- https://bvuniversity.edu.in/
- https://www.sssihl.edu.in/
- https://kalingauniversity.ac.in/
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- http://csjmu.ac.in/
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- http://www.dhsgsu.ac.in/
- http://www.mmyvv.com/
- https://kahedu.edu.in/
- https://www.srmu.ac.in/

- https://www.mmumullana.org/
- http://www.utu.ac.in/
- http://www.tmv.edu.in/
- https://www.unom.ac.in/
- https://www.lkouniv.ac.in/en
- http://jamiahamdard.edu/
- http://www.punjabiuniversity.ac.in/
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- https://www.gujaratuniversity.ac.in/
- https://www.msubaroda.ac.in/
- https://www.uniraj.ac.in/
- http://www.jiwaji.edu/
- http://www.vikramuniv.ac.in/
- http://www.banasthali.org/
- https://kalasalingam.ac.in/
- https://siu.edu.in/
- https://christuniversity.in/
- https://www.mlsu.ac.in/
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- https://www.pacific-university.ac.in/
- https://www.ganpatuniversity.ac.in/
- https://www.cushahuniversity.ac.in/

Top 43 Colleges Computer Application (BCA) or B.Sc. (Computer Sciences)

with Ranking, Admission Processes and Websites:

1. University of Madras, Chennai-Tamil Nadu
2. University of Lucknow, Uttar Pradesh
3. Jamia Hamdard University, Delhi
4. Punjabi University, Patiala, Punjab
5. Sri Sathya Sai Institute of Higher Learning-Andhra Pradesh
6. Gujarat University, Ahmedabad-Gujarat
7. M S University, Baroda-Gujarat
8. Rajasthan University, Jaipur-Rajasthan
9. Jiwaji University, Gwalior Madhya Pradesh
10. Vikram University, Ujjain-Madhya Pradesh
11. Banasthali University, Vanasthali-Rajasthan
12. Kalasalingam University, Tamil Nadu
13. Symbiosis International University, Pune-Maharashtra
14. Christ University, Hosur Road, Bengaluru, Karnataka
15. Mohanlal Sukhadia University, Udaipur-Rajasthan
16. Indraprastha University, Delhi
17. Bharati Vidyapeeth, Pune-Maharashtra
18. Guru Nanak Dev University, Amritsar, Punjab
19. MCN University, Bhopal-Madhya Pradesh
20. Ahmedabad University, Ahmedabad-Gujarat
21. Dharmsinh Desai University, Nadiad-Gujarat
22. DRMLA University, Ayodhya-Uttar Pradesh

Top 43 Colleges Computer Application (BCA) or B.Sc. (Computer Sciences)

with Ranking, Admission Processes and Websites:

23. Periyar Maniammai IST University, Thanjavur-Tamil Nadu
24. Vellore Institute of Technology, Vellore-Tamil Nadu
25. SRM University, Kattankulathur-Tamil Nadu
26. The IIS University, Jaipur-Rajasthan
27. Sikkim Manipal University, Sikkim
28. Sri C.S.Saraswathi University, Enathur-Tamil Nadu
29. CSJM University, Kanpur, Uttar Pradesh
30. Devi Ahilya Vishwavidyalaya, Indore-Madhya Pradesh
31. Pacific University, Udaipur-Rajasthan
32. Osmania University, Hyderabad-Telangana
33. M.M.H. Arabic & Persian University, Patna-Bihar
34. Dr. C V Raman University, Bilaspur-Chhattisgarh
35. Dr. Harisingh Gour University, Sagar, Madhya Pradesh
36. M.M. Yogi Vedic, Katni-Madhya Pradesh
37. KAHE University, Coimbatore-Tamil Nadu
38. Shri Ramswaroop Memorial University, Barabanki-Uttar Pradesh
39. Ganpat University, Kherva-Gujarat
40. C. U. Shah University, Surendranagar-Gujarat
41. Maharishi Markandeshwar University, Mullana-Haryana
42. Uka Tarsadia University, Bardoli-Gujarat
43. Tilak Maharashtra University, Pune-Maharash

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MONTHLY EDUCATIONAL BULLETIN

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03 - Vocational Trainings (TMF SMART, Quest Alliance)

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