



SASTRA

ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION

DEEMED TO BE UNIVERSITY

(U/S 3 of the UGC Act, 1956)



THINK MERIT | THINK TRANSPARENCY | THINK SASTRA



Online Degree Programme – BCA

Bachelor of Computer Application offered by Sastra,
digitally enabled by TCS iON

Powered by

tcs iON

About TCS iON

TCS iON is focused on transforming and empowering students and organizations with tech-led education solutions, preparing them for the new world.

It uses uniquely built 'Phygital' platforms that overlay digital technologies over physical assets, to deliver contextual and experiential learning outcomes.

Today, we are touching the lives of millions of

College-going Student

Industry-relevant multi-modal content for job-readiness



School-going Children

Personalised interventions to develop individual learning styles



Job Seeking Youth

One-stop access to top corporates of the country



Working Professionals

Continuous reskilling and upskilling to stay relevant

Our impact



307+ Mn
candidates assessed



2700
field resources



13.7 Mn
learners on the
platform



103,124
courses on the
platform



95000+
candidates placed
through TCS NQT



257 iDZs
for standardised
candidate experience

About SASTRA University

SASTRA Deemed-to-be-University is one of India's premier institutions offering undergraduate, postgraduate & doctoral programmes in Engineering, Management, Law, Sciences and Humanities Education.

It is recognized for its contemporary curriculum, top in class infrastructure and experienced faculty pool.

- Re-accredited by NAAC (fourth cycle) with a maximum grade of 'A++' (3.76/4.00)
- It is Category I Institution based on the UGC's categorization of Universities for Graded Autonomy Regulations, 2018
- In the NIRF ranking, SASTRA's position is 24 in 2022



BCA (Online Degree Program)

SASTRA aims at providing an alternative channel for higher education through Online learning mode.

BCA (Online) degree programme makes you ready for a career in I.T. sector. The projects/Internships will give you exposure and build your confidence in real world problem solving.

Market potential

There is a huge need and demand for skilled professionals to serve and solve problems in the IT industry, in India. Since the IT world is progressing at a brisk pace, this demand is only going to increase.

- ▶ **Potential Job Opportunities -**
2 Lakh+ job opportunities across various job portals
- ▶ **Earning Potential -**
Average salary ranges from ₹ 2.5 LPA to ₹ 3.2 LPA
- ▶ **Employment Sector -**
IT/ITES, FinTech, EdTech, Ecommerce, Banking and Insurance

Career Opportunities

S-D/Analyst/Testing

Junior Data Analyst

AI Engineer



Programme Summary

Bachelor of Computer Applications - BCA (Online Degree) programme focusses on providing relevant knowledge and skills to the students. Students will also benefit from the hands-on learning experience they get from the project or internship they undertake at end of the 6th semester to complete their programme.

Learning outcomes

- ▶ Basics of computer applications
- ▶ Tenets in the science of IT
- ▶ Work with real-time applications
- ▶ Programming languages like C, Java, Pearl, Python
- ▶ Advanced technologies like AI and ERP



What will you get?



Program syllabus

The program syllabus will be delivered through a combination of learning resources like live and recorded lectures, online reading material, quizzes, case studies, community-based interactions and hands-on experience via projects and internships.



Elective 1 (Choose 1)

- ▶ Programming in PERL
- ▶ Python Programming
- ▶ XML and Applications
- ▶ Basic Linux Programming

Elective 2 (Choose 1)

- ▶ Client Server Computing
- ▶ Mobile Computing
- ▶ Principles of Artificial Intelligence
- ▶ Fundamentals of Enterprise Resource Planning

About your Mentors



Dr. Sashikala Govindarajulu, Assistant Professor SASTRA

An Assistant Professor in the Department of English, SASTRA Deemed University. She has a total of 17 years of teaching experience and is passionate in fostering academic development of students through a variety of learning modalities and support materials. She applies innovative teaching methods like 'Flipped Classroom' and 'Collaborative Learning' to encourage students' involvement in the teaching-learning process.

Dr. Srikanth Raghavendran, Professor SASTRA

A Professor of Mathematics at the SASTRA Deemed University. He is also the TATA Realty - SASTRA Srinivasa Ramanujan Chair Professor for Number Theory. He received his PhD from Bharathidasan University. He has received the honorarium award twice for solving "Elementary problem of Ramanujan's contribution" to Mathematical Education (Sponsored by University Grant Commission) in the year 1992. He received the Distinguished Scientist award in the field of Number Theory from Venus International Foundation in 2016.



Dr. Umamakeswari Arumugam, Dean - School of Computing SASTRA

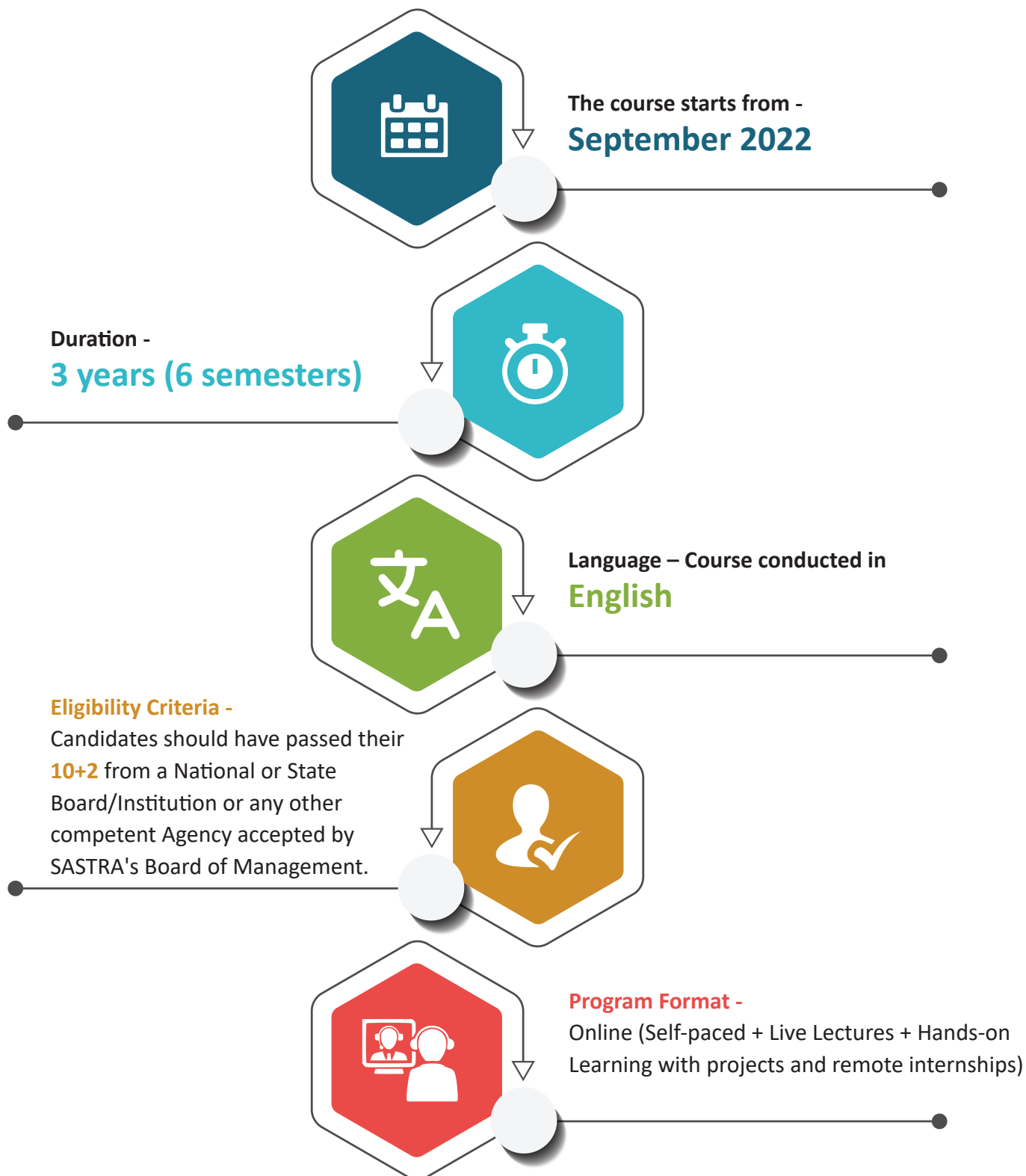
Received her B.E. from A.C.C.E.T, Karaikudi, M.E. from NIT, Trichy and PhD from SASTRA University, Thanjavur, India. Currently she is the Dean in School of Computing, SASTRA University. Her research area includes IoT, Wireless Sensor Network, Cloud computing, Embedded system and Blockchain.

Dr. V. Subramaniaswamy, Professor SASTRA

A Professor in the School of Computing, SASTRA Deemed University. In total, he has 18 years of experience in academia. He has received his PhD degree from Anna University, India. He has received funds from MHRD, DST-SERB, ICSSR and TVS Motors, and he is the Young Scientist Award holder.



Program details



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