

2026 年中国政府奖学金国际暑期学校项目

第二届广西师范大学“智能机器人”国际夏令营招生简章

Admission Guide of 2026 Chinese Government Scholarship

International Summer School Program

The Second International Summer Camp on "Intelligent Robots",

Guangxi Normal University

一、学校简介 Introduction To Guangxi Normal University

广西师范大学自 1988 年创办电子专业，历经 30 余年发展，2009 年成立电子工程学院，并于 2022 年 7 月更名为电子与信息工程学院/集成电路学院。办学底蕴深厚，学院电子信息工程、通信工程为区级一流本科专业。硕士授权点有电子科学与技术 and 电子信息专业，其中电子科学与技术为一级学科。学院师资力量雄厚，依托多个省级学科平台及先进实验室，以"电子信息技术+集成电路"为特色，致力于培养创新型工程人才，已成为广西工科教育的重要基地。

Guangxi Normal University electronics program has founded in 1988, developed over three decades to establish the School of Electronic Engineering in 2009, which was renamed as the School of Electronics and Information Engineering/School of Integrated Circuits in July 2022. With profound educational heritage, the school boasts two regional-level first-class undergraduate programs: Electronic Information Engineering and Communication Engineering. At the postgraduate level, it offers master's programs in Electronic Science and Technology (a first-level discipline) and Electronic Information. Supported by a strong faculty team and multiple provincial-level research platforms with advanced laboratories, the school specializes in "electronic information technology and integrated circuits," committed to cultivating innovative engineering talents. It has become a key base for engineering education in Guangxi.

二、开营时间 Opening Time

2026 年 6 月 22 日-7 月 13 日

June 22th to July 13th, 2026

三、项目特色 Program Features

本项目构建"理论-实践-开发-竞赛"的完整技术学习闭环，通过融合电子工程、自动控制与计算机视觉等多领域技术，重点培养学员解决复杂工程问题的能力。将甲天下山水景观与科技教育结合，在象鼻山景区举办结营仪式，凸显"科技+人文"双线叙事。学员将完成具备环境感知与自主导航功能的智能机器人开发，通过竞赛评选优秀作品并颁发认证证书，为全球青年科技人才搭建起技术切磋与人文互鉴的高端平台。

This program establishes a complete "theory-practice-development-competition" technical learning cycle, integrating multidisciplinary technologies including electronic engineering, automatic control and computer vision to enhance students' ability to solve complex engineering challenges. By combining Guilin's world-renowned landscape with STEM education, the program features a distinctive graduation ceremony at Elephant Trunk Hill Scenic Area, highlighting the dual narrative of "technology + humanities". Participants will develop intelligent robots with environmental perception and autonomous navigation capabilities, with outstanding projects recognized through competitions and awarded certification. The program creates a premium platform for global young talents to exchange technical expertise and cultural perspectives.

四、日程安排 Time Table

| 日期 Date | 时间 Time | 活动 Activity | 备注 Remarks |
|------------------------------|-----------------|--|---------------|
| 6月21日星期日 Sunday, June 21 | 上午 Morning | 飞机入境桂林 Flight arrival in Guilin | |
| | 下午 Afternoon | 入住广西师范大学国教中心酒店 Check-in at the International Education Center Hotel of Guangxi Normal University | |
| 6月22日星期一 Monday, June 22 | 上午 Morning | 开营仪式，机器人表演 Opening ceremony, robot performance | |
| | 下午 Afternoon | 破冰活动/文化沙龙 Ice-breaking activities/ cultural salon | |
| 6月23日星期二 Tuesday, June 23 | 上午 Morning | 夏令营培训项目启动会 Summer Camp Training Program Kick-off Meeting | |
| | 下午 | 参观学校机器人实验室和实践基地 | |

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| | Afternoon | Visit to the Robotics Laboratory and Practice Base | |
| 6月24日星期三 Wednesday, June 24 | 上午 Morning | 专题报告（一）：智能机器人技术及发展 Special lecture(I): Intelligent Robot Technology and Its Development | |
| | 下午 Afternoon | 参观合作企业（一） Visiting partner enterprise (I) | |
| 6月25日星期四 Thursday, June 25 | 全天 All day | 广西师范大学校园文化之旅 Cultural tour of Guangxi Normal University | |
| 6月26日星期五 Friday, June 26 | 上午 Morning | 专题报告（二）：深度学习及其应用 Special lecture(II): Deep Learning and Its Applications | |
| | 下午 Afternoon | 中国特色文化赏析（一） Appreciation of China's Distinctive Culture (I) | |
| 6月27日星期六 Saturday, June 27 | 全天 All day | 培训（一）：机器人平台认知与ROS2开发环境搭建 Training(01):Robot Platform Overview and ROS2 Development Environment Setup | |
| 6月28日星期日 Sunday, June 28 | 全天 All day | 培训（二）：机器人运动控制与里程计应用 Training(02):Robot Motion Control and Odometry Application | |
| 6月29日星期一 Monday, June 29 | 全天 All day | 培训（三）：机器人视觉识别与语音播报实现 Training(03):Robot Visual Recognition and Speech Broadcast Implementation | |
| 6月30日星期二 Tuesday, June 30 | 全天 All day | 桂林城市文化体验 Guilin City Culture Exploration: | |
| 7月01日星期三 Wednesday, July 01 | 上午 Morning | 专题报告（三）：智能传感器设计与应用 Special lecture(III): Design and Application of Smart Sensors | |
| | 下午 Afternoon | 中国特色文化赏析（二） Appreciation of China's Distinctive Culture(II) | |
| 7月02日星期四 Thursday, July 02 | 全天 All day | 培训（四）：机器人激光雷达同时建图与定位 Training(04):Robot LiDAR SLAM: Simultaneous Localization and Mapping | |
| 7月03日星期五 Friday, July 03 | 全天 All day | 国际文化交流和联谊活动 International Cultural Exchange and Friendship Events | |
| 7月04日星期六 Saturday, July 04 | 全天 All day | 培训（五）：机器人自主导航与多点巡航实现 Training(05):Robot Autonomous Navigation and Multi-point Cruise Implementation | |
| 7月05日星期日 Sunday, July 05 | 全天 All day | 桂林山水文化体验 Guilin Landscape Culture Exploration: | |
| 7月06日星期一 Monday, July 06 | 上午 Morning | 专题报告（四）：智能通信技术 Special lecture(IV): Intelligent communication | |
| | 下午 Afternoon | 参观合作企业（二） Visiting partner enterprise(II) | |

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| 7月07日星期二 Tuesday, July 07 | 全天 All day | 培训（六）：机器人巡航识别任务集成开发 Training(06):Robot Integrated Patrol and Recognition Task Development | |
| 7月08日星期三 Wednesday, July 08 | 全天 All day | 桂林历史与发展文化体验 The History, Development, and Cultural Experience of Guilin | |
| 7月09日星期四 Thursday, July 09 | 全天 All day | 培训（七）：机器人行为设计与参数优化 Training(07):Robot Behavior Design and Parameter Optimization | |
| 7月10日星期五 Friday, July 10 | 全天 All day | 培训（八）：机器人比赛系统解析与联调 Training(08):Robot Competition System Analysis and Integration Debugging | |
| 7月11日星期六 Saturday, July 11 | 全天 All day | 培训（九）：机器人模拟竞赛与最终优化 Training(09):Robot Mock Competition and Final Optimization | |
| 7月12日星期日 Sunday, July 12 | 全天 All day | 智能机器人夏令营挑战赛 Smart Robot Summer Camp Challenge | |
| 7月13日星期一 Monday, July 13 | 全天 All day | 闭营仪式（颁奖仪式） Closing ceremony (Final Awards): | |
| 7月14日星期二 Tuesday, July 14 | 全天 All day | 营员离桂（送站/送机场） Campers leave GuiLin | |

五、报名要求 Application Requirements

1.学生来自印尼、马来西亚、越南、泰国等。

The participating students come from Indonesia, Malaysia, Vietnam, Thailand and other countries.

在读本科生、研究生，或者已经毕业的本科生、研究生。

Open to current undergraduate/graduate students or graduates.

六、经费安排 Funding

学生承担国际旅费（抵达桂林）。广西师范大学承担在桂林期间的住宿费（统一安排）、学费、保险费。

The students are responsible for their international travel expenses (to Guilin). Guangxi Normal University will cover the costs of accommodation and meals in Guilin (uniformly arranged), as well as tuition and insurance fees.

七、报名 Application

填写报名表。2026年5月20日前发送至邮箱 admissn@gxnu.edu.cn。

Fill out the registration form. Send to email before May 20, 2026

admissn@gxnu.edu.cn。