Talent Cultivation Outcomes Verification

1. Disciplinary Competition Achievements

The programme encourages students to participate in various disciplinary competitions to enhance their engineering practice capabilities and innovative thinking. Over the past three years, students have achieved remarkable results in national and provincial competitions including:

- National College Student Electronic Design Contest: multiple provincial first and second prizes
- "Challenge Cup" National College Students Extracurricular Academic Science and Technology Competition: provincial awards
- Mathematical Modeling Contest: national and provincial awards
- Intelligent Manufacturing and Automation Competition: multiple awards
- Internet+ Innovation and Entrepreneurship Competition: provincial awards

2. Innovation and Entrepreneurship Outcomes

The programme has established a multi-level innovation and entrepreneurship education system, integrating innovation training programmes, entrepreneurship competitions, and industry-university cooperation projects. Students have completed multiple national and provincial innovation training programmes, and several student teams have successfully established technology-based startups.

3. Postgraduate Admission

A significant number of graduates pursue postgraduate studies at prestigious universities including domestic "Double First-Class" universities and overseas institutions. The postgraduate admission rate has shown a steady upward trend over the past three years, reflecting the solid academic foundation and research potential of programme graduates.

4. Employment Quality

The overall employment rate of the 2025 cohort stands at 97.44%, with 100% employment for the Intelligent Manufacturing specialisation. Key disadvantaged students achieve a 97.1% employment rate. The majority of graduates are recruited by leading power enterprises including China Southern Power Grid, Huaneng, and China Energy

Investment Corporation, demonstrating strong alignment between training and industrial positions.

5. Outstanding Graduate Cases

Per Annex H-5 Outstanding Graduate Cases of the School of Mechanical and Electrical Engineering, multiple graduates have achieved remarkable success in their careers:

- Graduates pursuing postgraduate studies at prestigious universities and publishing high-level academic papers
- Graduates growing into core technical and managerial cadres in power, infrastructure, and intelligent manufacturing sectors
- Graduates engaging in grassroots public service and national defence
- Graduates establishing successful technology-based enterprises