



## 1. Program Overview

The International Joint PhD Program (JPD Program) in the area of research and development in food and related industries aims to (1) nurture human resources who have mastered the fundamental knowledge and skills of food science and technology and acquired the skills in design thinking as well as (2) develop a global mindset (adaptation to different cultures and cooperation with global partners). The Program is structured to foster leaders in food and related industries in the North-eastern region of India as well as the Tokai-region of Japan, and contribute to identifying solutions for sustainable society, enabling optimal utilization of the resources in both regions, and benefiting both regions.

## 2. Institutional Excellence

### ***IIT Guwahati*** (<http://www.iitg.ac.in>)

Established by the Government of India in 1994, the Indian Institute of Technology Guwahati (IITG) is a reputed public institution of national importance. The institution offers postgraduate degrees in various disciplines of science and engineering/technology. The young, vibrant and dynamic faculty of the institute are highly oriented towards inter-disciplinary research in various fields of science and engineering. Within a short span of 20 years, the institute became a reputed research and academic institution par excellence to offer highly skilled technical education. As per the National Institute Ranking Framework (NIRF) of MHRD, Government of India, among all institutions in India, IIT Guwahati retained its 7<sup>th</sup> position in the category of engineering.

### ***Gifu University, Japan*** (<https://www.gifu-u.ac.jp>)

Established in 1949, Gifu University is a national university in Japan and offers undergraduate and postgraduate degrees in education, regional studies, medicine, engineering and applied biological sciences. Gifu University is located in Central Japan, between Tokyo and Kyoto, and has excellent international accessibility. Presently, Gifu University has several hundred foreign students and especially from various South-east Asian countries such as China, Bangladesh and India. With the central motto of 'Learning, Exploring and Contributing', Gifu University strives to become a leading global university and with aims to produce globally-minded graduates that can conduct productive research and train future talented human resources. The United Graduate School of Agricultural Science (UGSAS) was established in 1991 and strives to impart highest quality education and research in agricultural sciences with due consideration to application in the biological-resources-related industries and to benefit mankind.

## 3. Curriculum Overview

- **Joint Degree awarded:** Doctor of Philosophy
- **Capacity:** The total number of students per academic year will be two (02)
- **Curriculum Constitution**

In this program, a doctoral curriculum shall be prepared with a focus on dissertation work. The standard period of this program is three (03) years. The student shall stay in Partner institution (IITG) for a period of six (06) months to one (01) year. The Supervisors from Home (GU) and Partner (IITG) Institutions shall jointly supervise the student.

- **Eligibility and Admission**

Any student meeting all followings;

1. Who was conferred a Master's degree or has prospects for the degree.
2. Who is proficient in English; TOEFL iBT: 80+, TOEIC: 730+, IELTS: 6.0+
3. Applicants must have the nationality of a country that has diplomatic relations with Japan and India.

#### 4. Credits

Type	Course, Major Chair	Subject Name	Credit	Year	Place
Required	Specialized Subject	Dissertation Project Proposal	1	1	Both
Required	Specialized Subject	Bimonthly Progress Review	3	1~3	Both
Required	Specialized Subject	Annual Progress Review	2	1~2	Both
Required	Specialized Subject	Dissertation Synopsis Review	1	3	Both
Required	Common Subject	Integrated Agricultural Seminar	1	1·2	GU
Required	Common Subject	Researcher Ethics, Professional Ethics	0.5	1·2	GU
Required	Common Subject	Mental Health, Physical Health	0.5	1·2	GU
Elective	Specialized Subject Common Subject	(Select three subjects from a group of specialized subjects or a group of common subjects)(*)	3	1·2·3	GU
Requirement for Graduation: 12 Credits (Required 9 Credits + Elective 3 Credits = 12 Credits)					

#### 5. Benefits

- All course lectures in English.
- Research guidance by “Joint supervisors” in both Institutions.
- Enhanced Placement and Research Opportunities in Japan, India and abroad
- Training and expertise in the state-of-the-art research facilities available for food characterization, processing, and engineering studies at IITG and Gifu-U, Japan to foster Translational FST research.
- Adequate training and learning in cross-cultural environment.

#### 6. Financial Assistance

- Tuition fee (267,900 yen ) for the first semester in the first year is waived. Subsequently, waiver for students will only apply to every semester to students who demonstrate excellent study results for up to 3 years (completion term).  
\*The tuition fees indicated above are the estimated amount. In the event that the fees are revised, the revised rate will be applied accordingly.
- The UGSAS, GU will support you with about 60,000 JPY per month.  
\*Note that any student who monthly receives other scholarships or funds of 100,000 JPY or over in total are not eligible to this support.

Note: Travel and Other Expenses; Airfares, Housing Rent, and Insurances cannot be supported.