Chiba Institute of Technology (CIT) Scholarship - 2023

The Department of Education, CTA, is pleased to announce that Chiba Institute of Technology will be providing scholarships for 3 Tibetan refugee students to study a two-year Master's Program for the academic year of 2023-2025 in any of the following Master's Program Courses:

1) Information and Computer Science
2) Management Science
3) Engineering

(*The detail of the courses are attached with this announcement. All the courses will be taught in English except for the Japanese language class.)

The scholarship will cover tuition fees, boarding and to and fro travel expenses.

The application deadline is **11:59 PM, July 4, 2022.**

Eligibility:

1.   Applicant must be a Tibetan refugee student. He/She must have a Green Book (GB) ·with contribution paid till 2021. He/She must have a valid Registration Certificate (RC). His/her parents' Green Book contribution should be paid by 2021.

2.   Bachelor's Degree in any field (regular) from a recognized University. He/She must have graduated in 2019 or later with a score of 50% or above. (The graduation year will be considered according to the result/mark sheet declaration date and not the date of issuance of the Degree Certificate.)

3.   Applicant must have a valid Identity Certificate (IC) issued by the Government of India or in case the applicant newly applies for an IC, the receipt will do at the time of application.

How to Apply?

Please apply online through this application Link: https://forms.gle/LiyHXxWMXwuWwB376

Documents to upload through the link.

1. A Passport Photo.
2. A filled <u>Form A</u>. (Hover and click to download)
3. Scanned copy of IC.
4. Scanned copy of Bachelor's Degree
5. The following documents in a single PDF File in the following order:
i) Resume with passport photo on the front page, right side. (One page)
ii) Recommendation letter from your Undergraduate College/University. (Please upload a latest recommendation letter signed by the respective professor with the University stamp.)
iii) An essay on 'Why you are applying for this scholarship?' (400 to 500 words, typed on A 4 size paper.)
iv) Japanese Language Certificate (if available)

Selection Procedure:

The Department of Education, CTA, will conduct a virtual preliminary interview of all eligible applicants. 5 candidates will be shortlisted on the basis of their total score as per the following marking system:

Total: **100 Points**

i) Preliminary Interview: **80 Points**.

ii) Academic Performance: **15 Points**.

Academic Performance in Bachelor's Program (percentage scored)	Allotted points
50-59	3
60-69	6
70-79	9
80-89	12
90-100	15

iii) Japanese Language Certificate: **5 points**.

• The Department of Education, CTA, will forward the 5 shortlisted candidates to Chiba Institute of Technology (CIT) and CIT through a virtual interview, will select the final 3 candidates in September, 2022.

Important Notes:

•   Entering Japan is totally dependent on the SOPs by the Government of Japan. It is requested that the candidates are prepared for every situation and decision.
•   The exact date and time of the preliminary interview will be notified via email. So please submit a valid email address.
•   Please read the announcement carefully and submit all the required documents in time.

For any queries, please contact:

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Tenzin Dechen (Mrs.): scholarship@tibet.net

Posted by: Scholarship Section, Department of Education, CTA, Gangchen Kyishong,
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Acceptable research fields in Master's Program in Information and Computer Science

The themes of 知能情報工学 (Intelligent Information Engineering)

Brain, Neural network, Computational neuroscience, Artificial intelligence, Nonlinear dynamics, Chaos, Reservoir computing, Social signal processing, Multimodal emotion recognition, Speech emotion recognition, Affective speech synthesis, Human-computer interaction and communication, Human-human interaction and communication, Human motion recognition, Information theory, Wireless communication, Optical wireless communication, Auditory information processing, Acoustic analysis of pathological voice, the Language training program for aphasic patients, and Image processing.

The themes of 情報システム工学 (Information System Engineering)

Intelligent system, Computer vision, Human-agent interaction, Neural networks, Genetic algorithms, Meta-heuristics, Distributed processing, Multi-agent systems, Secure multi-party computation, Numerical analysis, High-performance computing.

The themes of 情報ネットワーク工学 (Information Network Engineering)

Agent System, Artificial Intelligence, Awareness Computing, Big Data Analysis, Intelligent Transport Systems (ITS), Internet of Things (IoT), Location-based Services, Machine Learning, Mobile Computing, Sensory Network, Soft Computing, and Symbiotic Computing

The themes of メディア情報科学 (Media Information Science)

Artificial Intelligence, Big Data Analysis, Cognitive Psychology, Cognitive Science, Computer Graphics, Educational Technology, Health Informatics, Instructional Design, Internet of Things (IoT), Kansei Information Processing, Learning Support System, Machine Learning, Multimedia, Simulator, Virtual Reality, Visual Communication Technology, and Web Application & Cloud Technology

Graduate School of Social Systems Science

The Graduate School of Social Systems Science offers education and research opportunities in a management engineering methodology for a wide variety of systems covering everything from business management to social economy. The master's program produces professional engineers and researchers with an advanced level of management abilities to cope with systems that are increasingly complicated and diversified. The doctoral program produces researchers who have highly professional expertise in management and social systems and can build a new systematization of knowledge in the areas in which they specialize.

Master's Program and Doctoral Program in Management Science

Management Science offers an academic framework for the development of science and engineering methodologies for the management of organizations. At the same time, it represents a body of knowledge on science and technology for the analysis, design, and operation of various management systems. The program comprises four research fields addressing diverse systems from business management to social economy; Social and Economic Systems, Management Information Systems, Project Management, and Risk Management. The course offers education and research providing wide-ranging specialist knowledge concerning management methodologies and theories from a science and engineering viewpoint. The master's course fosters advanced specialist engineers and researchers who can meet the challenges of increasingly complex and diverse social systems in times of turbulent change. In addition, the doctoral program builds on the master's course to develop people who can cope with advanced research tasks in the field of social systems from an engineering standpoint.

Research Field 1 (Prof. Tomoaki Akiba):

Bld. No. 2, 16th Fl.: tomoaki.akiba@p.chibakoudai.jp

- Keywords: Information systems, Reliability engineering
- Research topics:

a) Proposal for a fast algorithm of component arrangement problem (optimal design problem) for obtaining maximum reliability

b) Proposal for a fast algorithm to obtaining Pareto-solution for the multi-objective network (Objective function includes k-terminal network reliability)

- Research summary:

Our laboratory focuses on the optimization for the system design, especially, a kind of consecutive-k and its application systems. These systems are special case of network system. Various studies have been proposed for the evaluation methods of reliability for their systems by researchers.

Approach of (2) is same as approaches of a multi-objective optimal problem in the operation research. Please refer to my researchmap page.

https://researchmap.jp/7000002540/?lang=english

[Minor request]

Our labo's members (me too) are not good for English. If you can challenge communication learning by Japanese speaking, I think that we will have a fun time together.

Research Field 2 (Prof. Motoi Iwashita):

Bld. No. 2, 17th Fl.: iwashita.motoi@p.chibakoudai.jp

- Keywords: Information Network/system design
- Research topics:

a) Service design and network/system function deployment

b) Information credit management

- Research summary:

Many kinds of players such as consumers, service providers, financial organizations, information providers etc. are involved for ICT-related service operation. In general, more players are involved, more troubles encountered, i.e., unexpected troubles happen. Actually, unauthorized use of credit card widespread these days. Our research lies in the analysis and forecast of players' behaviors. And our target is producing required function and mechanism for ICT-related services securely and efficiently.

Research Field 3 (Prof. Tsutomu Konosu):

Bld. No.1, 10th Fl.: tklab@it-chiba.ac.jp

- Keywords: Communications management, International Project Management
- Research topics:

a) Human Resource Management and Communications Management

b) Usability Engineering of Information Development Project

c) Development of Educational Contents for International Project Management

- Research summary:

Research focuses on the "human" aspects in Project, such as communications management and human resources management. Key areas of current research include the topics of IT project management based on the social psychology, experimental psychology, usability engineering and interface design. Our goal is to develop an effective man-machine interface and positive, collaborative working environment in Project.

Our laboratory initiated research on work stress reduction in multicultural project in cooperation with Southeast Asia laboratories, such as Thailand, Laos, and Vietnam. We are always interested in having new overseas students (graduate and research students) join the laboratory.

Research Field 4 (Prof. Yukihiro Shintani):

Bld. No. 2, 16th Fl.: yukihiro.shintani@p.chibakoudai.jp

- Keywords:

management-of-technology, R&D management, ideation, project methodology for R&D
- Research topics:

a) Organizational transformation from strategic way to purpose management in R&D of tech-core companies

b) Extension of Agile methodology (e.g., hardware development, R&D project)

c) Innovation management in technology-based manufacturing companies.

- Research summary:

Our laboratory conducts research on the management-of-technology and innovation in companies from the following four perspectives: (a)Organizational Control, (b)Data Collection and Utilization, (c)Modeling and Simulation, and (d)Social Implementation of Advanced Technology.

One of current research interests focuses on the changes in R&D in tech-core companies since the 21st century, which is based on theoretical considerations of organization and strategy, methodologies (e.g., Agile, Ideation), and case studies.

- Remark:

Our laboratory invites candidates only for the Master's program.