

## **Guidelines for APT – Republic of Korea Scholarship Programme 2022**

### **1. Introduction**

- 1.1 The Asia-Pacific Telecommunity (APT), from its inception, has emphasized the human capacity building for its members. The Strategic Plan of the APT, which provides the focus of APT activities for every three-year period of the plan, has included the capacity building as one of the main areas of its annual activities. The current Strategic Plan of the APT for 2021-2023 also specifies capacity building as one of five strategic pillars of the Plan the APT would focus its work during such three-year period.
- 1.2 From 1980, the capacity building programme of the APT has been conducted through training courses, study visit, expert missions, and related events.
- 1.3 In 2018, in order to enhance its capacity building programme, APT and Republic of Korea initiated “**APT – Republic of Korea Scholarship Programme**”. The scholarship programme in 2018 was organized in collaboration with the Smart Farm Research Center of Gyeongsang National University (<http://www.gun.ac.kr>), Republic of Korea with the financial support of the APT Extra Budgetary Contribution from the Government of the Republic of Korea (EBC-K) and the Smart Farm Research Center of Gyeongsang National University.
- 1.4 For 2019, APT in collaboration with the Ministry of Science and ICT (MSIT), Republic of Korea and Seoul National University of Science and Technology (SNUT) (<http://www.snut.ac.kr>), Republic of Korea.
- 1.5 For 2022, the number of universities participating in the program increases to three. Excellent applicants will be selected for the scholarship to study at the graduate school (Master’s or Ph.D. degree) of three national universities. In alphabetical order, those national universities are: **1) Gyeongsang National University 2) Jeju National University 3) Seoul National University of Science and Technology**. This guideline provides details for the APT – Republic of Korea Scholarship Programme 2022.

## 2. Tentative Procedure and Timeline\* for Scholarship 2022

\* The detailed schedule is subject to change depending on the circumstances of each university.

### 1) Gyeongsang National University (GNU), Republic of Korea

| Procedure  |                                     | Timeline                                | Remarks  |
|--|-------------------------------------|---|--|
| Submission of Application forms and transcripts to the APT<br>(scan – copy only) |                                     | ~ 30 August 2022                        | All application forms should be submitted to APT Secretariat at email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a><br><br>For any inquiries, please contact to email: <a href="mailto:smartfarm@gnu.ac.kr">smartfarm@gnu.ac.kr</a> (Ms. Haeul Jang, Gyeongsang National University) and copy to email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a> |
| Sele<br>ction  | 1st Phase:<br>Documents examination | 1 September 2022 ~<br>18 September 2022 | Selection will be decided by the GNU   |
|  | 2nd Phase:<br>Online interview      | 20 September 2022 ~<br>5 October 2022   | Selection will be decided by the GNU   |
| Announcement of the selection  |                                     | 10 October 2022                         | APT Secretariat will inform the final selection to the APT official contact person of APT Member and the final selected students   |
| Application for GNU for registration for the spring semester of 2023             |                                     | To be determined                        | Applicants who are finally selected must submit an application to the graduate school within this period.  |
| Administrative arrangement including visa  |                                     | End of January 2023                     | All relevant arrangement for registration for the Graduate School of the GNU will be done by the GNU and the selected students   |
| Beginning of Class   |                                     | March 2023                              |  |

### 2) Jeju National University (JNU), Republic of Korea

| Procedure  |                                     | Timeline                              | Remarks   |
|--|-------------------------------------|---------------------------------------|---|
| Submission of Application forms and transcripts to the APT<br>(scan – copy only) |                                     | ~ 13 September 2022                   | All application forms should be submitted to APT Secretariat at email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a><br><br>For any inquiries, please contact to email: <a href="mailto:kimdh@jejunu.ac.kr">kimdh@jejunu.ac.kr</a> (Prof. Dohyeon Kim, Jeju National University) and copy to email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a> |
| Sele<br>ction  | 1st Phase:<br>Documents examination | 18 September 2022 ~<br>3 October 2022 | Selection will be decided by the JNU  |
|  | 2nd Phase:<br>Online interview      | 4 October 2022 ~<br>10 October 2022   | Selection will be decided by the JNU  |

|  |  |  |
|--|--|--|
| Announcement of the selection  | December 2022  | APT Secretariat will inform the final selection to the APT official contact person of APT Member and the final selected students |
| Application for JNU for registration for the spring semester of 2023 | 4 October 2022 ~ 18 October 2022<br>8 November 2022 ~ 24 November 2022 | Applicants who are finally selected must submit an application to the graduate school within this period.                        |
| Administrative arrangement including visa                            | January 2023   | All relevant arrangement for registration for the Graduate School of the JNU will be done by the JNU and the selected students   |
| Beginning of Class   | March 2023   |  |

### 3) Seoul National University of Science and Technology(SNUT), Republic of Korea

| Procedure   |                                  | Timeline                             | Remarks   |
|---|----------------------------------|--------------------------------------|---|
| Submission of Application forms and transcripts to the APT (scan – copy only) |                                  | ~ 1 September 2022                   | All application forms should be submitted to APT Secretariat at email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a><br><br>For any inquiries, please contact to email: <a href="mailto:dongho.kim@seoultech.ac.kr">dongho.kim@seoultech.ac.kr</a> (Prof. Dongho Kim, Seoul National University of Science and Technology) and copy to email: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a> |
| Selection   | 1st Phase: Documents examination | 1 September 2022 ~ 18 September 2022 | Selection will be decided by the SNUT   |
|   | 2nd Phase: Online interview      | 20 September 2022 ~ 5 October 2022   | Selection will be decided by the SNUT   |
| Announcement of the selection   |                                  | 10 October 2022                      | APT Secretariat will inform the final selection to the APT official contact person of APT Member and the final selected students  |
| Application for SNUT for registration for the spring semester of 2023         |                                  | To be determined                     | Applicants who are finally selected must submit an application to the graduate school within this period.   |
| Administrative arrangement including visa                                     |                                  | End of January 2023                  | All relevant arrangement for registration for the Graduate School of the SNUT will be done by the SNUT and the selected students  |
| Beginning of Class  |                                  | March 2023                           |   |

### 3. Research topic and total number of selections

3.1 Research topics for this scholarship can be any topics related to the area specified by each university as shown in the tables below. Each applicant should apply to only one area, i.e., multiple choice in the topic areas by each applicant is not allowed.

#### 1) Gyeongsang National University

| Application Areas                    | Digital Agriculture  | Smart Farm  |
|--------------------------------------|--|---|
| Research topics                      | Using ICT to improve efficiency and productivity of agriculture, wireless communication based on application, data collecting related to agriculture, etc. | e-agriculture, AI based programming, smart farm IoT, etc. |
| Number of selection & course         | Master 1, Ph.D. 1 in Digital Agriculture and/or Smart Farm   |   |
| Reference sites for more information | <a href="http://smartfarm.gnu.ac.kr/">http://smartfarm.gnu.ac.kr/</a>  |   |

#### 2) Jeju National University

| Application Areas                    | Computer Engineering  |
|--------------------------------------|---|
| Research topics                      | Any topic related to Computer Engineering   |
| Number of selection & course         | Ph.D. 1 in Computer Engineering   |
| Reference sites for more information | <a href="https://intl.jejunu.ac.kr:47019/download/TwoEnglish.pdf">https://intl.jejunu.ac.kr:47019/download/TwoEnglish.pdf</a> |

#### 3) Seoul National University of Science and Technology

| Application Areas                    | Wireless Communication   | Machine Vision and Intelligence   |
|--------------------------------------|--|---|
| Research topics                      | Next generation mobile communication, AI-aided communication, Cooperative communication, etc.  | Multimedia software, machine learning, pattern recognition, robot vision, etc.  |
| Number of selection & course         | 3<br>(Master's or Ph.D.)   | 4<br>(Master's or Ph.D.)  |
| Reference sites for more information | <a href="http://csp.seoultech.ac.kr/index.do">http://csp.seoultech.ac.kr/index.do</a><br><a href="https://sites.google.com/site/blabsnut">https://sites.google.com/site/blabsnut</a> | <a href="https://square.seoultech.ac.kr/~icom">https://square.seoultech.ac.kr/~icom</a><br><a href="https://sites.google.com/site/gyeminlee">https://sites.google.com/site/gyeminlee</a><br><a href="https://sites.google.com/view/hcir/home">https://sites.google.com/view/hcir/home</a> |

3.2 Each university can finally select as many applicants as listed above for receiving the scholarship to study full-time for the Master's degree or Ph.D. However, this number may be adjusted later depending on the circumstances of each university. If applicants are not qualified or can't meet the expectation of participating professors, the number of final selected applicants might be less than the number listed above.

#### 4. Requirement for applicants

The following are basic requirements of the applications to receive APT-Republic of Korea scholarship with each university.

##### 4.1 English proficiency

Applicants should have adequate proficiency in English. The Application Form must be completed indicating the applicant's proficiency in English. If a certificate in English proficiency from a recognized English training institution is available, it needs to be submitted together with the Application Form.

##### 4.2 Work experience

Work experience is not a mandatory requirement. However, work experience may be given preference in the selection process.

##### 4.3 Education

< Common Requirement >

| Course                    | Qualifications  |
|---------------------------|---|
| Master's degree Programme | Applicants who apply for a Master's programme should hold a 4-year Bachelor's degree or equivalent (or those who will earn degrees by February 2023). |
| Ph.D. Programme           | Applicants who apply for a Doctoral programme must hold a Master's degree or equivalent (or those who will earn degrees by February 2023).            |

##### 4.4 Residence in APT member countries

The applicant **must be** a citizen or permanent resident of any APT Member countries.

##### 4.5 APT membership

The applicant **needs not** to be an official of a staff of APT Member Administration. Any citizens or permanent residents in APT Member countries could apply.

##### 4.6 Endorsement by APT Member Administration

All applicants **must be** nominated by APT Member and the application forms have to be endorsed by the APT official contact person of APT Member. Each APT Member could nominate up to the number of applicants listed above. Please kindly find **3. Research topic and total number of selections.**

#### **4.7 Health status**

Applicants should be in good health condition both physically and mentally. In particular, please be informed that you should meet the COVID-19-related health conditions generally required by the Korean government when you enter Republic of Korea in the future for smooth participation and implementation of this program.

#### **5. Nomination and application procedure**

5.1 APT Members shall submit the completed application form and relevant information to the APT Secretariat through the APT official contact person of APT Member no later than the closing date mentioned in the invitation letter. All details should be supplied to avoid delay in processing the application.

5.2 Before submitting the application form, APT Members are requested to check all the requirements, especially with reference to qualification of the applicants and their relevance to this scholarship. Please kindly contact each university for more detailed information.

5.3 If no acknowledgement has been received from APT Secretariat within a week after submitting the application for this scholarship, APT Members are requested to contact APT Secretariat either by phone no.: +66 2 573 0044 Ext. 106 or fax no.: +66 2 573 7479 to follow up the procedure.

#### **6. Selection procedure**

6.1 Each university shall consider only fully completed application forms submitted by APT Member countries. In case, the university required for additional information, such information should be provided without delay within specific timeframe.

6.2 APT Secretariat may ask the APT official contact person of APT Members for more details of the applicant for further clarification during the selection process.

6.3 Selection process will be in two (2) phases. The first phase is to examine the provided documents to decide shortlisted candidates. Only shortlisted candidates will be invited for the second phase. The second phase is an online interview by telephone call or video conference. Each university will set up the interview via the communication with the shortlisted candidates.

6.4 The APT Secretariat will notify the results of the selection to the APT official contact person of the APT Members as soon as the selection process is completed.

## **7. Scholarship provisions**

### **7.1 Each university\* will cover the following expenses.**

*\* As each university provides slightly different support, please contact each school's contact information listed below for more accurate information.*

Tuition fee: Tuition fee will be 100 percent covered.

Living cost (accommodation, insurance, and etc.) per month: about KRW 900,000 for Master's degree course, about KRW 1,100,000 for Ph.D. degree course

Accommodation and insurance fees are included in the living cost subsidy.

Dormitory can be preferentially assigned.

### **7.2 APT EBC-K Fund will cover the following expense.**

Airfare: USD 500 for ticket purchase(one-way) to those who were finally selected for the scholarship and submitted a ticket receipt

## **8. Important notes**

8.1 After the candidates are selected for admission to each university, there may be additional procedures including visa issuance for the registration for the Graduate School of the University, which should be managed by each university and the candidates (students) who are finally selected by each university.

8.2 When submitting the application forms, it is not necessary to submit the certificates for some requirements. However, during the process of registration with the university, if the given information is failed to prove or the certificates could not be submitted, the admission can be cancelled.

## 9. Contact information

Regarding any inquiries, please contact to each university at the contact information listed below:

| University                     | Contact Info.   |
|--------------------------------|---|
| Gyeongsang National University | <a href="mailto:smartfarm@gnu.ac.kr">smartfarm@gnu.ac.kr</a><br>(Ms. Haeul Jang, Gyeongsang National University)<br>with cc to e-mail: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a>   |
| Jeju National University       | <a href="mailto:kimdh@jejunu.ac.kr">kimdh@jejunu.ac.kr</a><br>(Prof. Dohyeon Kim, Jeju National University)<br>with cc to e-mail: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a>  |
| Seoul National University      | <a href="mailto:dongho.kim@seoultech.ac.kr">dongho.kim@seoultech.ac.kr</a><br>(Prof. Dongho Kim, Seoul National University of<br>Science and Technology)<br>with cc to e-mail: <a href="mailto:ebc-k@apt.int">ebc-k@apt.int</a> |



## **List of APT Members for APT-Republic of Korea Scholarship Programme**

|    | Code | Formal Name                                  | Short Name                      |
|----|------|--|---------------------------------|
| 1  | AFG  | Afghanistan (Islamic Republic of)            | Afghanistan                     |
| 2  | BGD  | Bangladesh (People's Republic of)            | Bangladesh                      |
| 3  | BTN  | Bhutan (Kingdom of)                          | Bhutan                          |
| 4  | CBG  | Cambodia (Kingdom of)                        | Cambodia                        |
| 5  | FJI  | Fiji (Republic of)                           | Fiji                            |
| 6  | IND  | India (Republic of)                          | India                           |
| 7  | INS  | Indonesia (Republic of)                      | Indonesia                       |
| 8  | IRN  | Iran (Islamic Republic of)                   | Iran (Islamic Republic of)      |
| 9  | KIR  | Kiribati (Republic of)                       | Kiribati                        |
| 10 | KRE  | Democratic People's Republic of Korea        | Korea D.P.R.                    |
| 11 | LAO  | Lao People's Democratic Republic             | Lao P.D.R.                      |
| 12 | MLA  | Malaysia                                     | Malaysia                        |
| 13 | MLD  | Maldives (Republic of)                       | Maldives                        |
| 14 | MHL  | Marshall Islands (Republic of the)           | Marshall Islands                |
| 15 | FSM  | Micronesia (Federated States of)             | Micronesia (Federate states of) |
| 16 | MNG  | Mongolia                                     | Mongolia                        |
| 17 | BRM  | Myanmar (Republic of the Union of)           | Myanmar                         |
| 18 | NRU  | Nauru (Republic of)                          | Nauru                           |
| 19 | NPL  | Nepal (Federal Democratic Republic of)       | Nepal (Republic of)             |
| 20 | PAK  | Pakistan (Islamic Republic of)               | Pakistan                        |
| 21 | PLW  | Palau (Republic of)                          | Palau                           |
| 22 | PNG  | Papua New Guinea                             | Papua New Guinea                |
| 23 | PHL  | Philippines (Republic of the)                | Philippines                     |
| 24 | SMO  | Samoa (Independent State of)                 | Samoa                           |
| 25 | SLM  | Solomon Islands                              | Solomon Islands                 |
| 26 | CLN  | Sri Lanka (Democratic Socialist Republic of) | Sri Lanka                       |
| 27 | THA  | Thailand                                     | Thailand                        |
| 28 | TON  | Tonga (Kingdom of)                           | Tonga                           |
| 29 | TUV  | Tuvalu                                       | Tuvalu                          |
| 30 | VUT  | Vanuatu (Republic of)                        | Vanuatu                         |
| 31 | VTN  | Viet Nam (Socialist Republic of)             | Viet Nam                        |