|  |  |
| --- | --- |
| MINISTRY OF SCIENCE AND TECHNOLOGY  VIETNAM-KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY | SOCIALIST REPUBLIC OF VIETNAM  **Independence – Freedom - Happiness** |
| No.: /TB-VKIST | *Hanoi, October 2021*  **BẢN DỊCH** |

**ANNOUNCEMENT**

**The 6th public servant recruitment in 2021**

*Pursuant to Decision No. 764 / QD-BKHCN dated April 5, 2021 of the Minister of the Ministry of Science and Technology on assigning the number of employees and labor contracts to the Vietnam - Korea Institute of Science and Technology (VKIST) in 2021, VKIST announced the 1st public servant recruitment in 2021 as follows:*

1. **Job position and recruitment number**
2. **Total quantity for recruitment:** 18 public servants corresponding to 12 job positions
3. **Positions:**

| **R&D** | | | |
| --- | --- | --- | --- |
| **No** | **Division** | **Position** | **Quantity** |
| 1 | **Information Technology** | Researcher on Information technology (Software)  *(junior)* | 2 |
| 2 | Researcher on Information technology (Hardware)  *(junior)* | 2 |
| 3 | Researcher on Information technology (Image processing) *(mid-tier)* | 1 |
| 4 | Researcher on Information technology (Computer graphics) *(mid-tier)* | 1 |
| 5 | **Electronics** | Researcher on Electronics *(mid-tier)* | 1 |
| 6 | Researcher on Electronics (*junior*) | 3 |
| 7 | Researcher on Mechanical design *(mid-tier)* | 1 |
| 8 | **Biotechnology** | Researcher on Biotechnology *(junior)* | 2 |
| 9 | **IT-BT Convergence Technology** | Researcher on Biotechnology  *(mid-tier)* | 1 |
| 10 | Researcher on Biotechnology  *(Junior)* | 2 |
| 11 | Researcher on Biosensor technology  *(Mid-tier)* | 1 |
| 12 | **Planning & Coordination** | R&D support | 1 |
| **Total** | | | **18** |

1. **Conditions for applicants**

**a) People who fully meet the following conditions are qualified to apply:**

* Have full civil act capacity
* Submit Public servant application form
* Have clear personal background
* Fully submit authentic copies of degrees, academic transcripts and certificates following specific job requirements
* Healthy enough to do the job
* Meet other conditions required by the job position

**b) The following people are unqualified to apply:**

* Loss of civil act capacity or limited capacity for civil acts;
* Being examined for penal liability; Currently serving a criminal judgment or decision of the Court; Being subject to administrative handling measures and sent to medical treatment establishments, educational establishments or reformatory schools.

c) **Jobs requirements**:

Appendix 1: Job description – Researchers

Appendix 2: Job description – R&D support

1. **Application document**

Each candidate is only allowed to register for one job position and fully responsible for their application. Those who apply for 02 or more positions or provide deceiving information will be turned down immediately or their recruitment results will be made void.

1. **Application documents**

| **No.** | **List of documents** | **Remarks** |
| --- | --- | --- |
| 1 | Application form | According to the form specified in the Government's Decree No. 115/2020 / ND-CP dated September 25, 2020 |
| 2 | VKIST application form |  |
| 3 | Certificate of all academic degree  (Bachelor’s, Master’s and Doctorate) | One authentic copy of each certificate |
| 4 | Academic transcripts for all acquired degrees | One authentic copy of each transcript |
| 5 | English proficiency  IELTS > 5.5 or TOEIC > 625 | One authentic copy of each certificate |
| 6 | Professional accomplishments; scientific publications, patents and intellectual property and/or technology application. | One authentic copy of each document |
| Submitted documents will not be returned to applicants whatsoever. | | |

1. ***Deadline, method for application***
2. ***Deadline:*** From October 27, 2021 – November 26, 2021
3. ***Application method:*** *Applicants submit* ***both*** *hard copies and soft copies*
4. ***Application receipt***

- Soft copies: via email [vkisttuyendung1@gmail.com](mailto:vkisttuyendung1@gmail.com)

- Hard copies:

Address 1: Room 304, 113 Tran Duy Hung, Cau Giay, Hanoi, Vietnam, or

Address 2: VKIST, Hoa Lac Hi-tech Park, Km29 Thang Long Boulevard, Hanoi, Vietnam

1. **Recruitment method and process**

* **Method:** recruitment by selection
* **Process:** As below

**Round 1:** Document evaluation

**Round 2:** Interview

* **Interview location:** MOST office: 113 Tran Duy Hung, Cau Giay, Hanoi; *or*

Hoa Lac office: Km29, Thang Long Boulevard, Hanoi

1. **Benefits**

* Personal empowerment, important responsibilities, and the best R&D infrastructure/environment in the nation.
* Competitive salary with additional incentives and fringe benefits in line with global standards.
* Opportunities to learn and improve professional knowledge and skills through domestic and foreign training programs;
* Opportunities to connect and cooperate deeply with leading laboratories and businesses in the region.

1. **Starting date and work location**

* **Starting date (tentative):** January 2022 (can be discussed)
* **Work location:** VKIST,Hoa Lac Hi-tech Park, Km 29 Thang Long Boulevard, Hanoi, Vietnam.

|  |
| --- |
| **Contact details: Vietnam–Korea Institute of Science and Technology**  **Hoa Lac Hi-tech Park, Km 29 Thang Long Boulevard, Hanoi, Vietnam.**  Attn: Ms. Trinh Minh Phuong – GA Staff  E-mail: [vkisttuyendung1@gmail.com](mailto:vkisttuyendung1@gmail.com)  Tel: 0988710227 (call, sms, zalo) |

|  |  |
| --- | --- |
| ***Recipients:***  - DOP (to report);  - Portal of MOST (to announce);  - Website of VKIST (to announce);  - Relevant organizations;  - Archives. | **PRESIDENT**  *(signed)*  **Kum Dongwha** |

**VKIST the 6th recruitment in 2021**

**APPENDIX 1: Job description – R&D**

**General requirements:**

English proficiency: IELTS 5.5 or TOEIC 625 or higher.

Exempt from English certificates:

- Have a university or postgraduate diploma in English language;

- Have a university or postgraduate diploma in an English-speaking country;

- Graduated from university, graduate at an English-language training institution in Vietnam.

**Specific jobs’ requirements:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **R&D Field** | **Quantity** | **Job description** | |
| **Job description** | **Job requirements** |
| **Information Technology Division** | | | | |
| **1** | Researcher on Information technology (Software)  *(inexperienced)* | 2 | - Research and develop image processing and analysis algorithms, focusing on face image data and three-dimensional human face models  - Deploy analysis and image processing technologies for practical applications | * **Majors:**   - Information Technology  - Electronics and Telecommunications  - Mathematics and Informatics  - Other related majors   * **Degrees**: Bachelor’s degree or higher, graduated with good or higher standing; * **Prioritized:**   - Master's degree or Doctorate in Information Technology or Electronics and Telecommunications; - Having programming skills in one of the languages Python, Java, C/C++, .Net, Matlab, Javascript, HTML;  - Experience in working/researching in image processing, face image analysis, three-dimensional face modeling;  - Experience in developing software programs on Tensorflow, Caffe, Pytorch, OpenCV... |
| **2** | Researcher on Information technology (Hardware)  *(inexperienced)* | 2 | - Operate a Hemisphere multi-camera system, collecting face image data  - Participate in the Image Processing Project and other applied scientific research projects  - Research on the multi-camera multi-synchronous photography system and propose system improvements (adding a camera in the back of the neck, controlling the light source, designing the appropriate shooting angle position ...) | * **Majors:**   - Physics (Optics)  - Mechanical Engineering  - Mechatronics  - Information Technology  - Electronics and Telecommunications  - Mathematics and Informatics  - Other related majors   * **Degrees:** Bachelor’s degree or higher * **Prioritized**:   - Experience and knowledge in one of the programming languages Python, Java, C/C++, .Net  - Experience in researching and deploying optical-based systems, synchronous camera systems |
| **3** | Researcher on Information technology (Image processing)  *(experienced)* | 1 | - Research and develop new technologies in the field of image processing, focusing on face image data collected from synchronous multi-camera system and three-dimensional human face models.  - Research and develop new application-based image processing technologies based on artificial intelligence  - Implement image processing systems, focusing on technologies related to face images (e.g. face recognition) for practical applications. | * **Major**   - Information technology  - Electronics and Telecommunications  - Mathematics and Informatics   * **Degrees:** Doctorate degree * **Experience**   - Have at least five (05) years of R&D experience in the field of image processing  - Experience in managing topics and projects   * **Prioritized**   - Have at least five (05) years of R&D experience in the field of image processing  - Experience as a project leader |
| **4** | Researcher in Information Technology (Computer graphics)  *(experienced)* | 1 | - Research and develop new technologies in the field of computer graphics, focusing on three-dimensional computer graphics models of human faces  - Research and developing new application-based image processing technologies based on artificial intelligence  - Deploy real applications based on computer graphics and three-dimensional human face models | * **Major**   - Information technology  - Electronics and Telecommunications  - Mathematics and Informatics   * **Degrees:** Doctorate degree * **Experience**   - Have at least five (05) years of R&D experience in the field of Computer graphics  - Experience in managing topics and projects   * **Prioritized**   - Experience in practical and industrial application projects or being an inventor in the field of computer graphics  - Experience in the field of 3D graphic modeling from face images |
|  | **Electronics Division** | | | |
| **5** | Researcher on Electronics *(experienced)* | **1** | - Research and design CPU boards for control and signal processing.  - Design embedded system for electric car charging station control, self-propelled robot and collaborative robot  - Make requirements and methods of measuring and testing the boards. | * **Majors**: related to Electronics * **Degrees**: Bachelor’s degree or higher; * **Experience:**   - Have experience in similar positions at prestigious companies and organizations domestically or overseas;  - Have at least 03 years of experience in hardware design;  - Have in-depth knowledge about IC/LSI, Functional IC, Memory IC, Complex IC, basic communication protocols, highspeed communication IC, wireless technology;  - Experience in embedded system design;  - Proficient in circuit design software and simulation design software. |
| **6** | Researcher on Electronics (*inexperienced*) | **3** | - Research and develop autonomous robots and collaborative robots.  - Research and design electrical and electronic systems for electric cars.  - Research and design the central processing unit (CPU) and signal processing circuits in measurement and control;  - Research and design of electric motors;  - Perform other tasks as requested by superiors. | * **Majors:**   - Electrical  - Electronics  - Control  - Automation  - Information technology   * **Degrees:** Bachelor’s degree or higher, graduated with a good or higher standing. * **Experience:** not required |
| **7** | Researcher on Mechanical design *(experienced)* | **1** | - Design 2D/3D mechanical details and systems;  - Design and disassemble machining drawings;  - Structural calculation, motion simulation, force analysis, technical documentation;  - Analyze, propose detailed design solutions and implement a full design for a product: design solutions, processing technology, division and separation of items or modules constituting the product.  - Train the team's staff, evaluate the team's employees monthly, quarterly and annually.  - Organize the implementation, divide the work according to the sub-module components, separate details for a group of engineers with design experience;  - Make suggestions on training and improvement of the work of the team;  - Be responsible to the Head of Department for the work of the group; | * **Majors:**   - Mechanical Engineering,  - Mechatronics  - Other related majors;   * **Degrees**: Bachelor’s degree or higher * **Experience:**   - Have at least 05 years of experience in directly engaged in product manufacturing or in product design team;  - Be able to research, complete mechanical design for a product;  - Proficient in the technology of processing and manufacturing mechanical parts;  - Understand drawing standards according to ISO, JIS;  - Have knowledge and experience in: Materials, manufacturing tolerances, machine details, machine principles, material strength;  - Proficient in using 3D and 2D CAD software specializing in mechanical design, simulation software;   * **Prioritized:**   - Experience in managing teams of 5 or more people  - Able to read and understand technical documents and communicate in Japanese or English. |
|  | **Biotechnology Division** | | | |
| **8** | Researcher on Biotechnology *(inexperienced)* | **2** | Research fields:  - Phytochemistry: extraction, isolation and structural determination of compounds from medicinal herbs  - Develop a process for extracting compounds from medicinal herbs  - Develop quality standards for herbal ingredients and finished products. | * **Majors:**   - Chemistry of natural compounds, phytochemistry  - Analysis, standardization and testing of drugs (medicinal materials, herbal products)  - Pharmaceutical technology   * **Degrees**: Bachelor’s, master’s or doctorate degree * **Prioritized:** Have experience in related field |
|  | **IT-BT Convergence Technology** | | | |
| **9** | Researcher on Biotechnology  *(experienced)* | 01 | - Work with living cells or using molecules derived from them for applications-oriented toward human well-being  - Use potential biomarkers for applications in disease diagnosis and treatment;  - Analyze organic compounds in water, air and their metabolism | * **Majors:** Biochemistry (cell biology, enzyme and protein technology, immunology) * **Degrees:** Doctorate degree * **Experience:** * More than five (05) years of R&D experience in the biochemistry field * Have experience as a project leader * **Prioritized:** Industrial experience |
| **10** | Researcher on Biotechnology  *(inexperienced)* | 02 | - Work with living cells or using molecules derived from them for applications-oriented toward human well-being  - Use potential biomarkers for applications in disease diagnosis and treatment;  - Analyze organic compounds in water, air and their metabolism | * **Majors:**   -Environmental Toxicology  -Biology & Biological Sciencce   * **Degrees:** Master Degree & up * **Prioritized:** Industrial experience |
|  |  |  |  |  |
| **11** | Researcher on Biosensor technology  *(experienced)* | 01 | Research and develop new sensor platforms for the detection and diagnosis of diseases | * **Majors:** Biosensor technology * **Degrees**: Doctorate degree * **Experience:** * More than five (05) years of R&D experience in the biochemistry field * Have experience as a project leader * **Prioritized:** Industrial experience |

**VKIST the 6th recruitment in 2021**

**APPENDIX 2: Job description – R&D Support**

**General requirements:**

English proficiency: IELTS 5.5 or TOEIC 625 or higher.

Exempt from English certificates:

- Have a university or postgraduate diploma in English language;

- Have a university or postgraduate diploma in an English-speaking country;

- Graduated from university, graduate at an English-language training institution in Vietnam.

**Specific jobs’ requirements:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Position** | **Quantity** | **Job description** | |
| **Job description** | **Job requirements** |
| **1** | R&D support | **1** | - Make plan for R&D programs and projects;  - Prepare contracts, make budgets for R&D projects;  - Evaluate progress and perform administrative tasks for R&D projects. | * **Major:** Economics, law, business administration, state management or other related majors; * **Degree:** Bachelor’s degree or higher; graduated with good or higher standing * **Prioritized:** Have experience in related field |