

ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE (ASTI)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-ASTI
 Position Code: STF-ASTI-101

Education	<p>Master’s Degree in the following field(s):</p> <p><u>Computer Science/ Information Technology/ Information Systems/ Electronics Engineering/ Electronics Communications Engineering/ Computer Engineering or equivalent and related fields</u></p>
Experience	<p>With at least three (3) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader</p> <p>Preferably with significant experience in conducting independent and collaborative research in emerging technologies, such as distributed systems, cybersecurity, cryptographic protocols, decentralized applications (DApps), and related fields. This may include publishing research papers in reputable journals and presenting findings at conferences.</p> <p>Strong understanding of cutting-edge advancements and trends in areas such as distributed computing, data privacy, Web3, and security frameworks.</p> <p>Knowledge of system architecture design, software development methodologies, and implementation of secure and scalable solutions using decentralized or distributed technologies.</p> <p>Familiarity with concepts such as consensus mechanisms, cryptographic security, data integrity, and smart contract development is an advantage.</p>
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none"> 1. Serve as a subject matter expert in emerging technologies such as distributed systems, security, cryptographic protocols, DApps, and relevant fields, offering guidance to DOST-ASTI R&D teams conducting research in these areas;

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| | <ol style="list-style-type: none">2. Guide and assist technology-related R&D projects - from conception to completion - focusing on innovations in secure data management, decentralized frameworks, and advanced computing paradigms;3. Conduct research on cutting-edge technologies, addressing specific challenges or opportunities relevant to government initiatives, with emphasis on enhancing data security, system transparency, and operational efficiency;4. Design and implement innovative solutions leveraging distributed and decentralized technologies for various applications, ensuring alignment with DOST and government priorities and goals;5. Contribute to the development of roadmaps and policies related to the adoption and implementation of secure and scalable technology solutions in government operations;6. Establish and maintain partnerships with industry, academia, and government agencies to support technology initiatives and facilitate knowledge exchange;7. Prepare technical reports and presentations;8. Prepare project proposal/s for funding;9. Coordinate communication and dissemination plan to the head of the agency;10. Assist in collaborative activities with partner organizations for technology transfer; and11. Perform other tasks as assigned by the head of the agency or higher authorities from time to time. |
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Department of Science and Technology
 Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

FOOD AND NUTRITION RESEARCH INSTITUTE (FNRI)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-FNRI
 Position Code: STF-FNRI-101

Education	Master's Degree in the following field(s): <u>Information Technology, Computer Science, Computer Engineering or related fields</u>
Experience	<p>With at least three (3) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader</p> <p>Preferably has knowledge/skills and experience in the following areas:</p> <ol style="list-style-type: none"> 1. Certification on Windows, Linux, Cisco, Security or related certification is an advantage. 2. Good grasp on networking concepts such as WAN, LAN subnetting, switching, routing, link aggregation, cabling, etc. 3. Working knowledge on administration of Windows Servers network services such as DNS/Active Directory, DHCP, routing, etc. 4. Working knowledge on administration of Linux Servers network services such as Apache, DNS, mySQL, etc. 5. Working knowledge on Firewall appliance such as Watchguard, Fortinet, Sophos, etc. 6. Working knowledge on machine virtualization using VirtualBox, VMWare, Azure, etc.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none"> 1. Manages and maintains security infrastructure of the Institute to protect sensitive data and systems from cyber threats 2. Responsible for implementing security policies and protocols, monitoring network activity for suspicious behavior, and responding to security incidents 3. Conducts regular security audits and risk assessments to identify vulnerabilities and recommend improvements 4. Develops innovative solutions to address challenges in data management and security 5. Collaborates with IT and programming teams to ensure that security measures align with Institute's needs and regulatory requirements

	<ol style="list-style-type: none">6. Provides training to employees on best practices for maintaining cybersecurity7. Perform other tasks as assigned by the head of the agency or higher authorities from time to time
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-FNRI

Position Code: STF-FNRI-102

Education	Master's Degree in the following field(s): <u>Nutrition or Life Sciences (Biology/Biochemistry/Biotechnology) with knowledge of Bioinformatics/Statistics and/or Computer Science</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Working knowledge in Molecular Biology methods and analysis of high-throughput omics data Research experience in omics and bioinformatics, with focus on health or nutrition-related outcomes is an advantage
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conduct bioinformatics analysis of genomics data2. Integrate multi-omics datasets (i.e., data from targeted NGS sequencing, SNP typing array, untargeted/targeted metabolomics and 16s rRNA sequencing)3. Collaborate with the host research unit in the implementation of R&D studies on nutritional omics4. Prepare scientific and technical papers for publication and presentation to seminars, conferences, and scientific for a5. Train new researchers and educators in the field of bioinformatics/nutrition omics6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE (FPRDI)Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-FPRDI

Position Code: STF-FPRDI-101

Education	<p>Master's Degree in the following fields: <u>Industrial Design, Product Design and Development, Innovation and Business, Material Science, Engineering Mechanics, Physics, and other related fields</u></p> <p><i>* Must possess a strong foundation in both hard sciences and design principles</i></p>
Experience	<p>With at least three (3) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader.</p>
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Design and develop R&D proposals/plans, programs, projects and studies in accordance with approved R&D designs and standards; DOST priority programs; and DOST-HNRDA with a clear iteration of objectives, target audiences, deliverables, and monitoring and evaluation under the Gubat Obra: Forest-based Creative Products S&T Program; <i>*(Gubat Obra is an S&T Program involve in scientific research, technological development, and creative design to tap the potential of forest materials for application to various creative industries such as furniture, handicrafts, construction, musical instruments, toys, carvings, decorative products, etc.)</i>2. Assists the Program Leader on the R&D programs/projects and work of researchers and support staff under the Forest-Based Creative Products S&T Program;3. Supervise junior researchers by giving regular guidance and direction, reviewing processes to ensure meeting the research objectives, reviewing processes to ensure meeting the research objectives, monitoring, and ensuring quality of results;4. Identify and consider complementary skills of researchers, ensure opportunities and development, and build a balanced team;5. Secure project funds and new funding opportunities and provide accountability to grant and funding institutions;6. Work with the Institute and Department communications group to design and implement effective means to disseminate research results;7. Build relationships with research partners and key grant sources and help strengthen existing partnerships, including with other government agencies, private organizations, academic and research institutions, and other relevant partners; and8. Perform other tasks as assigned by the head of the agency or higher authorities from time to time.

Department of Science and Technology
 Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-ITDI
 Position Code: STF-ITDI-101

Education	Master's Degree in the following field(s): <u>Electronics/ Electronic Communications Engineering/ Computer Engineering/ Computer Science/ Data Science/ Data Science (Analytics) Program, Mathematics, Statistics, and other related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none"> 1. Lead the implementation of the ITDI's program on artificial intelligence and machine learning applications in additive manufacturing and materials discovery 2. Database preparation of materials for additive manufacturing with relevant performance properties and up-to-date cost information 3. Prepare a Machine Learning Program on Image Processing, natural language processing, and other algorithms for processing data from filament making, masterbatch preparation, topography images, SEM/TEM images, etc., for predicting properties and automating data mining procedures 4. Assist in generating training data for the Machine Learning with subsequent evaluation and field testing 5. Generate proposals on various applications of Machine Learning in discovering noble materials with unique composition and structure depending on the specific application 6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-ITDI

Position Code: STF-ITDI-201

Education	Master's Degree in the following field(s): <u>Biology, Microbiology, Environmental Health, Public Health or related fields</u> A PhD degree or equivalent is an advantage
Experience	With at least five (5) years of productive professional R&D work after completion of MS. Project involvement in at least two (2) R&D projects as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader
Training	Twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional With registered or certified biosafety professional credentials
Publications	Must have at least two (2) papers published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Develop and enforce comprehensive policies, procedures, and outreach materials for a safe and effective biosafety program, including Biosafety, Biosecurity, and Incident Response Plans2. Identify institutional Select Agents and manage EH&S Standard Operating Procedures (SOPs), plans, and forms for heightened and maximum containment programs3. Act as the main contact for regulatory inspections related to containment and other regulatory matters4. Provide guidance and training on biosafety and biosecurity, especially regarding heightened and maximum containment protocols to researchers, staff, and visitors5. Aid in emergency preparedness by developing procedures, conducting drills, and collaborating with local emergency responders and university emergency management units6. Conduct regular compliance audits, coordinate corrective actions, and prepare compliance reports7. Perform laboratory inspections and audits for select agent inventories8. Investigate and address biological safety incidents, conducting root cause analyses9. Coordinate and participate in facility certifications and work closely with various university units to ensure safety, biosecurity, and regulatory compliance10. Offer regulatory interpretations and technical assistance to research units and support occupational health for containment facility staff11. Provide status reports on the biosafety program to relevant committees and institutional officials12. Manage administrative aspects like contracts, budgets, and memorandums of understanding related to contract work

	<ol style="list-style-type: none">13. Lead biosafety and biosecurity meetings, mentor staff, and serve on committees as assigned14. Review and approve biosafety-related aspects of research proposals, laboratory operations, and facilities to ensure compliance with regulations15. Evaluate complex research projects involving biological agents, recombinant nucleic acids, select agents, biotoxins, and animal research protocols16. Perform other tasks as assigned by the head of the agency or higher authorities from time to time
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-ITDI

Position Code: STF-ITDI-202

Education	Master's Degree in the following field(s): <u>Pharmacology, Toxicology, Entomology, Animal Science, or related fields</u> A PhD degree or equivalent is an advantage
Experience	With at least five (5) years of productive professional R&D work after completion of MS. Project involvement in at least two (2) R&D projects as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader
Training	Twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least two (2) papers published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Design and development of a clear research and development (R&D) roadmap for the Pharmacology and Toxicology Section and the Entomology Section of ITDI Standards and Testing Division (STD)2. Develop a study, secure funding for, and implement at least one (1) project on pre-clinical research (research on drug and treatment for disease) in the ITDI Laboratory Animal Facility (LAF) and bioefficacy research related to Entomology3. Establish strategic linkages among scientists, national animal research institutions, and other partners in advancing preclinical research and its impact4. Assist in upgrading the ITDI LAF and Insectary in terms of facility, research, and technical services5. Mentor and share knowledge with technical staff of ITDI STD on pharmacology, toxicology, and entomology6. Assist the laboratory in preparation for and acquiring accreditation with the Philippine Food and Drug Administration, Fertilizer and Pesticides Authority, and other local and international accreditations7. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-ITDI

Position Code: STF-ITDI-203

Education	<p>Master's Degree in the following field(s): <u>Biomedical Engineering, Civil Engineering, Mechanical Engineering, Architecture or related field</u></p> <p>A PhD degree or equivalent is an advantage</p>
Experience	<p>With at least five (5) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least two (2) R&D projects as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader</p> <p>Extensive experience in the design and engineering of heightened and maximum containment facilities, preferably in a research or laboratory setting</p> <p>Profound knowledge of biocontainment principles, biosafety levels, and laboratory safety protocols (BSL-3 and BSL-4)</p>
Training	Twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least two (2) papers published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Lead the design process, ensuring the integration of advanced biocontainment principles into facility layout, including high-level isolation, ventilation, filtration, and waste management systems.2. Perform detailed risk assessments to identify potential hazards and vulnerabilities in facility design, proposing and implementing engineering controls and containment strategies to mitigate risks.3. Technical design specifications of heightened and maximum containment facilities and develop detailed technical specifications for biocontainment facilities, encompassing architectural, mechanical, electrical, and structural elements, emphasizing biosecurity and safety.4. Collaborate closely with architects, laboratory planners, mechanical and electrical engineers, biosafety professionals, and regulatory bodies to translate biocontainment requirements into viable engineering solutions.5. Ensure strict compliance with Bases Conversion and Development Authority (BCDA), local, national, and international biosafety regulations, guidelines, and standards throughout the design and construction phases.6. Prepare comprehensive design documentation, including facility layouts, construction drawings, equipment specifications, and engineering calculations, using industry-standard software tools.

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| | <ol style="list-style-type: none">7. Conduct rigorous quality assurance reviews, assessments, and inspections during construction, commissioning, and validation phases to verify compliance with design specifications and safety standards.8. Manage technical aspects of biocontainment facility projects, including budgets, schedules, procurement, and contractor oversight, ensuring timely and cost-effective project delivery.9. Provide technical training and guidance to facility personnel on equipment usage, safety protocols, maintenance procedures, and emergency response within the biocontainment facility.10. Manage administrative aspects like contracts, budgets, and memorandums of understanding related to contract work.11. Perform other tasks as assigned by the head of the agency or higher authorities from time to time |
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC)Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-MIRDC

Position Code: STF-MIRDC-201

Education	Master's Degree in <u>Economics, Statistics, Industrial Engineering, or related fields</u>
Experience	With at least five (5) years of relevant experience in the conduct of Market Study, Business Development, or Investment Development, preferably on metals and engineering technology or products, and other related experience after completion of MS. Preferably has implemented, as the Project Leader, non-R&D or R&D projects that focused on or included aspects of Market Analysis, Technology Transfer, and Commercialization
Training	Twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least two (2) papers published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conduct at least four (4) industry profiling, technology scanning, technology foresight/forecast, patent mapping, or market study, that will consequently identify research and development areas/topics related to Metals & Engineering for MIRDC priority S&T areas2. Package program/project proposal/s for DOST-GIA whose purpose is to fund the activities of Item 1, with clear iteration of objectives, target audiences, deliverables, and monitoring and evaluation3. Lead the implementation of programs/projects upon approval of the proposals4. Collaborate, advise, and work with the Planning and Management Division and Directorate of R&D to harmonize identified R&D areas/topics in the Center's strategic plan and program implementation5. Perform other tasks as assigned by the head of the agency from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-MIRDC

Position Code: STF-MIRDC-202

Education	Master's Degree in any related course preferably in preferably in <u>Electrical or Electronics Engineering</u>
Experience	With at least five (5) years of productive professional R&D work after completion of MS Project involvement in at least two (2) R&D projects as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has been a Project Leader or Lead Person of a project involving the conduct/implementation of R&D projects, industry study, market research, or related activity
Training	Twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least two (2) papers published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Serve as a subject matter expert in Automation, Mechatronics and Robotics, offering guidance to the Division R&D teams researching related technologies2. Guide and assist related projects in Automation, Mechatronics, Robotics and Artificial Intelligence from conception to completion3. Conduct research in Automation, Mechatronics, Robotics and Artificial Intelligence with focus on addressing specific challenges or opportunities relevant to government initiatives4. Prepare project proposals for funding5. Publish S&T papers, R&D reports, and/or research output in technical and scientific journals6. Coordinate communication and dissemination plan to the head of the agency7. Contribute to the advancement of the agency towards Industry 4.08. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

PHILIPPINE NUCLEAR RESEARCH INSTITUTE (PNRI)Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-PNRI

Position Code: STF-PNRI-101

Education	Master's Degree in the following field(s): <u>Materials Chemistry, Materials Science, Physics, or other related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Preferably knowledgeable in advanced materials with applications in nuclear science and technology.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conceptualize, develop, and obtain funding for at least one (1) R&D project on nuclear materials for at least 2 years of implementation.2. Design and execute studies on advanced materials, such as nanomaterials, polymers, ceramics, and metal alloys, with potential applications in nuclear science and technology.3. Build relationships with research and industry partners, and help strengthen existing partnerships, including other government agencies, private organizations, academic and research institutions, and other relevant partners.4. Collaborate with interdisciplinary teams within PNRI and external partners, including academic institutions and government agencies.5. Participate in international nuclear-related R&D initiatives, representing PNRI in forums, workshops, and conferences.6. Assist in acquiring and maintaining specialized equipment and facilities for materials testing and analysis.7. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology
 Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-PTRI Textile Resource Management
 Position Code: STF-PTRI-101

Education	Master's Degree or its equivalent <u>relevant to the position</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none"> 1. Conceptualize, develop, and obtain funding for at least one (1) R&D project on textile resource management for at least 2 years of implementation 2. Establish at least two (2) linkages with academic and industrial partners per year 3. Assist to establish and operationalize a relevant arm/lab of the PTRI DigiTELization of the Institute 4. Actively participate in the refinement and harmonization of the applicable Textile R&D/S&T Roadmap 5. At least one (1) publication in an ISI-listed journal per year as the main author with IF not lower than 1 6. At least one (1) intellectual property (patent or utility model) filed per year 7. At least one (1) presentation at least in a national or academic conference per year 8. Mentoring of at least two (2) staff/student for not less than 6 months (cumulative) per year 9. Assist in the organization of information dissemination activities such as but not limited to social media releases, articles, fora/symposium 10. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-PTRI Textile Policy and Economic Research

Position Code: STF-PTRI-102

Education	Master's Degree in <u>Economics, Applied Economics, Business, Development Policy, or its equivalent fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conceptualize, develop, and obtain funding for at least one (1) R&D project on textile policy and economic research for at least 2 years of implementation2. Establish at least two (2) linkages with academic and industrial partners per year3. Assist to establish and operationalize a relevant arm of the PTRI DigiTELization of the Institute4. Actively participate in the refinement and harmonization of the applicable Textile R&D/S&T Roadmap5. At least one (1) publication in an ISI-listAed journal per year as the main author with IF not lower than 16. At least one (1) intellectual property (patent or utility model) filed per year7. At least one (1) presentation at least in a national or academic conference per year8. Mentoring of at least two (2) staff/student for not less than 6 months (cumulative) per year9. Assist in the organization of information dissemination activities such as but not limited to social media releases, articles, fora/symposium10. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-PTRI Functional Textile

Position Code: STF-PTRI-103

Education	Master's Degree in <u>Materials Chemistry, Material Science and Engineering, Polymer Chemistry, Textile and Fiber Science, or other relevant specialization</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conceptualize, develop, and obtain (immediately) funding for at least one (1) R&D project on functional textile for at least 2 years of implementation2. Establish at least two (2) linkages with academic and industrial partners per year3. Assist in establishing and operationalization of arm/lab for the Institute's Functional Textiles R&D Program4. Actively participate in the development/refinement and/or harmonization of the applicable Textile R&D/S&T Roadmap/s5. At least one (1) publication in an ISI-listed journal per year as the main author with IF not lower than 16. At least one (1) intellectual property (patent or utility model) filed per year7. At least one (1) presentation at least in a national or academic conference per year8. Mentoring of at least two (2) staff/student for not less than 6 months (cumulative) per year9. Assist in the organization of information dissemination activities such as but not limited to social media releases, articles, fora/symposium10. Others as may be applicable/provided by the internal policies of the Institute governing R&D activities and intellectual property11. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-PTRI Circularity and Sustainability and Textiles

Position Code: STF-PTRI-104

Education	Master's Degree in <u>Chemical Engineering, Textile Engineering, Material Science and Engineering, Textile and Fiber Science, or other relevant specialization</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conceptualize, develop, and obtain (immediately) funding for at least one (1) R&D project on circularity and sustainability in textiles for at least 2 years of implementation2. Establish at least two (2) new linkages with academic and/or industrial partners per year3. Assist in establishing and operationalization of arm/lab for the Institute's Sustainable Textiles R&D Program4. Actively participate in the development/refinement and/or harmonization of the applicable Textile R&D/S&T Roadmap/s5. At least one (1) publication in an ISI-listed journal per year as the main author with IF not lower than 16. At least one (1) intellectual property (patent or utility model) filed per year7. At least one (1) presentation at least in a national or academic conference per year8. Mentoring of at least two (2) staff/student for not less than 6 months (cumulative) per year9. Assist in the organization of information dissemination activities such as but not limited to social media releases, articles, fora/symposium10. Others as may be applicable/provided by the internal policies of the Institute governing R&D activities and intellectual property11. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology
Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

**PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL RESOURCES
RESEARCH AND DEVELOPMENT (PCAARRD)**

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
Agency of Assignment: DOST-PCAARRD
Position Code: STF-PCAARRD-101

Education	Master's Degree or equivalent in the following field(s): <u>Business Management, Agribusiness, Agricultural Economics, or related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Conceptualize R&D programs, projects, and activities for agribusiness incorporating current and planned developments to improve existing services for enterprise development2. Develop, build, and maintain strong partnerships with the private sector to link farmers with high value markets, R&D networks, relevant government agencies, and key agricultural value chain players for the implementation of programs, projects, and activities3. Develop knowledge-based products for agribusiness4. Conceptualize and lead the capacity building program for client-enterprises and R&D networks on agribusiness-related topics5. Perform administrative and finance related functions to ensure smooth operations/implementation of the initiatives6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

**PHILIPPINE COUNCIL FOR INDUSTRY, ENERGY, AND EMERGING TECHNOLOGY
 RESEARCH AND DEVELOPMENT (PCIEERD)**

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II (SG 24)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-PCIEERD
 Position Code: STF-PCIEERD-201

Education	<p>Master's Degree in any wide range of disciplines including <u>environmental science, social economics, science engineering, development studies, development management and governance, strategic planning and policy, human resource and institution development</u> and/or other related fields.</p> <p>A PhD degree is an advantage</p>
Experience	<p>With at least five (5) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader</p>
Training	<p>At least twenty-four (24) hours of relevant training</p>
Eligibility	<p>PD 997 / RA 1080 / Career Service Professional</p>
Publications	<p>Must have at least two (2) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author</p> <p>Preferably professionals involved and with background in the field of human resources and institution development programs in industry, energy, and emerging technologies R&D</p>
Scope of Work	<ol style="list-style-type: none"> 1. Review and assess the existing IDP/BSP Roadmap 2022-2028 2. Oversee, direct, and prepare the framework and roadmap of Institution (IDP) and Balik Scientist Program (BSP) under the industry energy, and emerging R&D sectors for 2028-2032 3. Conduct Focus Group Discussion (FGD) and guide the technical review committee to enhance roadmap of the sectors mentioned 4. Assess and review the projects and programs based on the roadmap, HRNDA, and government priorities 5. Publish review of all projects and programs under roadmap 6. Advise project managers on technical aspects of projects and programs handled in a particular sector 7. Act as Technical Panel (TP) Expert to review and evaluate new proposals 8. Develop program/project proposals on IDP/BSP aligned primarily with the themes in the HNRDA of the department, with a clear iteration of objectives, target audiences, deliverables, and monitoring and evaluation 9. Lead the project managers to make publishable manuscript, co-authored manuscript

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| | <ol style="list-style-type: none">10. Supervised researchers and project managers by giving regular guidance and direction in the development, evaluation, implementation, and monitoring of R&D program/projects to ensure delivery of expected outcomes and realize the vision set in the roadmap11. Identify and consider complementary skills of researchers, ensure opportunities for development, and build a balanced team12. Secure project funds and new funding opportunities and provide accountability to grant and funding institutions13. Conduct academic institution profiling, identify capability and research needs and gaps, comparative assessment14. Work with the institute and department communications group to design and implement effective means to disseminate research results15. Assess the institution in terms of research facilities/capability and provide recommendations on the appropriate facilities or equipment needed by the assessed institution
Conduct an assessment of completed projects (2015-2023) and provide recommendations on next steps and sustainability16. Build relationships with research partners and key grant sources, and help strengthen existing partnerships, including with other government agencies, private organizations, academic and research institutions, international and other relevant partners17. Assess the implementation of the IDP/BSP and recommend strategies to improve the program18. Recommend strategies and incentives for researchers and/or universities for researchers and/or universities to encourage availment of the IDP/BSP Programs19. Perform other tasks as assigned by the head of the agency or higher authorities from time to time |
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY (NAST)Position Title: **FOUR (4) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: NAST-PHL

Position Code: STF-NAST-101

Education	Master's Degree in <u>Development Communication, Extension Education, Public Affairs, Public Administration, Policy Studies, Development Management, or other related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS Project involvement in at least one (1) relevant R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Must have experience in formulation of science-based policies
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Help in the formulation of science-based policies to address relevant issues and concerns2. Attend technical and policy conferences organized by the NAST and/or other local or regional agencies that require the presence of the NAST3. Help in the preparation of position papers that require inputs from the NAST4. Conduct literature and other research-related activities that may be needed for the preparation of NAST White Papers, Statements, and other similar documents5. Perform functions as deemed appropriate by the NAST President and the NAST Executive Council6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology
 Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

TECHNOLOGY APPLICATION AND PROMOTION INSTITUTE (TAPI)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: Technology Application and Promotion Institute (TAPI)
Investment and Business Operation Division (IBOD)
 Position Code: STF-TAPI-101

Education	Master's Degree in <u>Business Administration</u>
Experience	With at least three (3) years of relevant Business Development, Investment Risk Profiling and other related experience after completion of MS Preferably has experience as a Project Leader on Technology Transfer and Commercialization
Training	At least sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none"> 1. Act as Technical Evaluator to review and evaluate new/incoming proposals under the Commercialization Programs of IBOD and other technical divisions 2. Conduct at least one (1) industry profiling, identify industry investment gaps, technology scanning, comparative assessment and sectoral S&T roadmapping for IBOD's three (3) top priorities in the key S&T areas 3. Establish at least five (5) collaborative and international partnerships with relevant actors from the private and public sectors by effecting memoranda of understanding (MOU) to pursue commercialization of DOST-developed and -funded technologies 4. Develop, formulate strategies, and develop at least two (2) program/project proposals on Technology Transfer Commercialization of DOST-generated and -funded technologies for possible funding under the DOST-GIA with a clear iteration of objectives, target audiences, deliverables, and monitoring and evaluation: <ul style="list-style-type: none"> o Prepare and present the proposed project/programs for implementation under the Division including its guidelines and other necessary documents to facilitate implementation of the proposed programs o Harmonize the proposed programs with existing programs being implemented by the Division/Institute so that assistance for commercialization of technologies for MSMEs will not overlap and provide clear direction for the said implementation 5. Manage the database/databank of pertinent information related to DOST-generation and funded technologies with concerned stakeholders of the database/databank

	<ol style="list-style-type: none">6. Coordinate with Planning Unit and the FAD-Budget for resource generation initiatives or new funding opportunities, from various funding institutions7. Build relationships with industry partners and key grant sources, and help strengthen existing partnerships including other government agencies, private organizations, academic and research institutions, and other relevant partners8. Collaborate, advise and work with Division Manager and Supervising SRS to create a strategic plan for IBOD's operations and program implementation <p>Perform other tasks as assigned by the head of the agency or higher authorities from time to time</p>
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW II** (SG 24)

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: Technology Application and Promotion Institute (TAPI)Invention Development Division (IDD)

Position Code: STF-TAPI-201

Education	Master's Degree <u>relevant to business administration, operations research, data analytics, financial management, risk management or other related fields</u>
Experience	With at least five (5) years of relevant industry experience as shown by internet-verifiable track record related to leading teams, assessing technologies or products, and/or serving as mentor or resource person/expert along the areas of financial or risk management, market analysis, regulatory-related projects, and innovation management Preferably with a) Research thesis focusing on technology valuation and due diligence b) Experience in successfully securing project funding in any field of specialization c) Experience in developing policy models related to financial, environmental, industrial, or scientific fields d) Experience in developing software or IT solutions e) Certifications related to IT solutions, project management, computer or mobile programming, and other related fields f) Familiarity with Republic Act Nos. 7459, 8293, 10055, 11293
Training	At least twenty-four (24) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications/ Patents	Must have at least two (2) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author OR Three (3) utility models filed as maker or agent
Scope of Work	1. Assist the Invention Development Division (IDD) to support the mandated function of the DOST-TAPI to act as the depositary institution for Fairness Opinion Reports (FORs) and Written Recommendations (WR) of the DOST Secretary, through the following: <ul style="list-style-type: none">- Develop in-house mechanisms to collate, analyze, and store documents and confidential information related to the received technology transfer transactions- Develop tools to assess financial terms of received technology transfer transactions (TTAs) that were submitted to comply to Rule 11 of the Amended IRR of RA 10055, otherwise known as the "Philippine Technology Transfer Act of 2009"- Analyze trends and assist the IDD develop sector-based technology transfer landscapes based on submitted technology transfer transactions to comply with Rule 11 of the Amended IRR of RA 10055- Assist the IDD to provide consultancy services to parties related to

	<p>FORs and WRs</p> <ol style="list-style-type: none">2. Assist the IDD to achieve its visions to internationalize its programs of assistance:<ul style="list-style-type: none">- Develop proposals to pilot-test due diligence model that will prepare foreign-based TTAs- Explore and initiate foreign partnerships to develop a due diligence model for IDD programs3. Draft proposals to augment the limited funds of the IDD to support its pre-commercialization programs of assistance4. Assist in packaging high impact research and technology papers based on the generated data of the IDD for publication in reputable local and international journals5. Assist the IDD to revise or develop guidelines to enhance and strengthen its due diligence assistance6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time
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OFFICE OF THE ASSISTANT SECRETARY FOR DEVELOPMENT COOPERATION
(OASECDC) – GATES PROGRAM

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**
 Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)
 Agency of Assignment: DOST-Planning and Evaluation Service (Central Office)
 Position Code: STF-PES-101

Education	<p>Master’s Degree in the following field(s):</p> <p><u>Computer Science, Information Technology, Computer Engineering, Systems Engineering</u></p>
Experience	<p>With at least three (3) years of productive professional R&D work after completion of MS.</p> <p>Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions.</p> <p>Preferably has implemented at least one (1) R&D project as Project Leader</p> <p>Preferably with significant experience in system architecture, data architecture, cloud infrastructure, and software engineering.</p>
Training	<p>Sixteen (16) hours of relevant training (i.e. system design, data architecture, cloud solutions, and software development lifecycle, etc.)</p>
Eligibility	<p>PD 997 / RA 1080 / Career Service Professional</p>
Publications	<p>Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author.</p>
Scope of Work	<ol style="list-style-type: none"> 1. Support the development and implementation of system architecture frameworks. 2. Design and integrate complex IT systems to meet the DOST organizational requirements. 3. Support system development and deployment initiatives. 4. Collaborate with stakeholders to align technical solutions with business objectives. 5. Conduct workshops, seminars, and hands-on training sessions for staff and partner agencies. 6. Provide mentorship to technical staff, focusing on solutions architecture and data architecture. 7. Perform other tasks as assigned by the head of the agency or higher authorities from time to time.

Department of Science and Technology

Notice of Vacancy Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Philippine Institute for Volcanology and Seismology (PHIVOLCS)

Position Code: STF-PHIVOLCS-101

Education	Master's Degree in the following field(s): <u>Geomatics Engineering, Data Science, Environmental Science/Engineering, Computer Science/Engineering, Artificial Intelligence, Statistics, Information Technology, and related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Preferably with significant experience in data science, big data analysis, geospatial data science, geospatial data processing and analysis, GIS, remote sensing and related fields. Preferably with strong background in geospatial artificial intelligence applications and solutions.
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author.
Scope of Work	<ol style="list-style-type: none">1. Support R&D initiatives to enhance, upscale and expand the GeoRisk PH platform, including the integration of AI.2. Assist in the conduct of risk studies to improve suitability models.3. Work with other fellows and researchers and agency personnel in developing a central early warning system platform for PAGASA and PHIVOLCS.4. Assist in the integration of outputs from various programs and projects in the development of a comprehensive AI-powered geospatial analysis and technology solutions hub for the department and its agencies.5. Provide mentorship to technical staff, focusing on data science and geospatial analytics.6. Participate in and support activities and initiatives aligned with the goals of the geospatial analytics and technology solutions program.7. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Office of the Assistant Secretary for Development Cooperation

Position Code: STF-OASECDC-101

Education	Master's Degree in the following field(s): <u>Geomatics Engineering, Computer Science, Environmental Engineering, Environmental Science, Computer Engineering, Statistics, Information Technology, and related fields</u>
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Preferably with significant experience in geospatial data science, data processing and analysis, data management, training design and program development, training program implementation, and other related fields of expertise.
Training	Sixteen (16) hours of relevant training (i.e. Geographic Information System applications, Remote Sensing, Training Design and Development, etc)
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author.
Scope of Work	<ol style="list-style-type: none">1. Support R&D initiatives to validate technical feasibility and scalability of geospatial analytics and technology solutions, tools and methodologies.2. Assist in the integration of outputs from various programs and projects relevant to geospatial analytics and technology solutions, and identify gaps and opportunities for further development beyond current scope.3. Develop training programs and materials on geospatial data science, data governance, and AI applications for implementing units and stakeholders.4. Conduct workshops, seminars, and hands-on training sessions for staff and partner agencies.5. Provide mentorship to technical staff, focusing on data science and geospatial analytics.6. Contribute to drafting policies, standards, and guidelines for integration, sustainability and institutionalization of geospatial analytics and technology solutions program.7. Participate in and support activities and initiatives aligned with the goals of the geospatial analytics and technology solutions program.8. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

OFFICE OF THE UNDERSECRETARY FOR REGIONAL OPERATIONS (OUSECRO)Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-CAR Regional Office

Position Code: STF-ROS-101

Education	Master's Degree in any of the following field (s): <ul style="list-style-type: none">• Smart City Planning and Management-Related• Urban and Regional Planning/ Environmental Planning/Urban Management-Related
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS. Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader Experience in urban and regional planning or urban management is an advantage Proficiency in programming languages and experience with data manipulation, statistical analysis, and visualization tools
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Develop or conceptualize, obtain funding, and implement programs and projects utilizing the key technologies for smart and sustainable communities2. Obtain funding and implement the program and projects develop;3. Provide guidance to LGUs and DOST regional offices and facilitate the crafting and/or refinement of STI plans and roadmaps;4. Lead in the crafting of assessment and monitoring and evaluation tools for smart and sustainable communities;5. Collaborate with concerned stakeholders (e.g.; development partners) in the development of smart and sustainable communities6. Establish at least two (2) new international collaborations/ linkages recognized smart cities per year7. Mentor the SSCP Project Team of DOST-CAR and DOST Region II as the focal regions;8. Assist in organizing the SSCP International Summit; and

	<p>9. Perform other tasks as assigned by the head of agency or authorities from time to time.</p>
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Department of Science and Technology

Notice of Vacancy Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST Regional Office II

Position Code: STF-ROS-102

Education	Master's Degree in any of the following field(s): <ul style="list-style-type: none">• Smart Cities – Management of Smart Urban Infrastructures• Smart and Sustainable Cities• Sustainable Urban Development• Urban Planning and Sustainability• Community Development• Master of Computer Engineering/ Computer Science/ Information Technology• Or any Master's Degree related to the job
Experience	With at least three (3) years of productive professional R&D work after completion of MS. Project involvement in at least one relevant (1) R&D project as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D project as Project Leader Preferably with experience in handling cyber-physical systems
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Provide assistance in the development of a holistic and synergistic research-driven Smart and Sustainable roadmap/plans including the milestone indicators for monitoring and evaluation2. Provide guidance, implement strategies and mechanisms, support capability building activities to accelerate the transformation of LGUs to smart sustainable cities and communities3. Assist in the crafting of guidelines of a Smart and Sustainable Leadership Academy that will empower leaders at various levels, including senior government officials, mid-level managers, and emerging youth leaders. By engaging and inspiring the next generation of leaders, the program will foster a sustainable and long-term commitment to smart and sustainable community development.4. Develop a course for awareness and knowledge sharing, with benchmarking visits to streamline the implementation and promote massive adoption of smart and sustainable technologies and related initiatives toward the establishment of smart sustainable cities and communities and attainment of the United Nations – Sustainable Development Goals (UN-SDG)5. Assist in the development of readiness criteria for the transformation of LGUs into smart sustainable cities and communities

	<ol style="list-style-type: none">6. Develop an award system that will recognize LGUs who have achieved their desired outcomes which will inspire and mobilize stakeholders to actively support and contribute to smart and sustainable city initiatives7. Conduct study on the level of acceptability and awareness of leaders and citizens on Smart Cities and Communities Program8. Conduct a strategic alignment, risk management, stakeholder engagement, and empower government leaders in the evolving smart city landscape9. Assist in the implementation of the SMART program in the region to promote innovation and adoption of enabling technologies and strategies among LGUs and the communities10. Assist in the conduct of monitoring and evaluation of the progress and developments of LGUs along this collaboration based on the roadmap and metrics11. Perform other tasks as assigned by the head of the agency or higher authorities from time to time
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Regional Office IV-A (CALABARZON)

Position Code: STF-ROS-103

Education	Master's Degree in the following field(s): • <u>Any MS related to Science and Technology and Engineering</u>
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS. Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader Preferably has at least two years of work experience in Science Parks or Technology Business Incubator (TBI) Preferably has research or case study on S&T Parks
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Develop/Finalize the DOST KIST Framework for roll-out to the DOST Ros and potential SUC/HEI host2. Develop or facilitate or craft promotional/presentation materials about KIST3. Conduct/Facilitate promotional events/meeting for the DOST KIST Program4. Guide SUCs and DOST ROs on the technical and legal requirements in establishing and operationalizing KIST Parks5. Assist the universities in establishing KIST Parks6. Provide technical support to DOST ROs and ROs during processing of KIST developers and locators applications, respectively7. Collaborate with concerned stakeholders in the development of the KIST Park Operations Manual8. Support the overall management of the DOST KIST Program9. Perform other tasks assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Regional Office IV-B (MIMAROPA)

Position Code: STF-ROS-104

Education	Master's Degree in the following field(s): • <u>Commerce, Economics, Business Development, Business Management, Entrepreneurship, Public Administration, International Relations, Development Studies, Development Management and Governance, or related fields</u>
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader At least three (3) years of professional experience working with diverse groups including the government, universities, development organizations, businesses/corporations, entrepreneurs, startups, and incubators Relevant experience in: <ul style="list-style-type: none">• Business management, entrepreneurship, technopreneurship, technology business incubation or incubation consultancy or innovation hubs• Research design, and organizational/institutional capacity development and training• Development work, social development processes and methodologies• Situation analysis and needs assessment related to business environment reform• Facilitating dialogue/consultative meetings among key stakeholders• Strategic/foresight planning• Paper presentation (local or international)
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	1. Prepare an assessment of the ongoing DOST-assisted/supported TBIs, and identify necessary adjustments on existing Programs, Projects, and Activities (PPAs) and Policies and other key areas for improvement towards the One TBI Program

	<ol style="list-style-type: none">2. Document global best practices examples and trends to come up with effective business incubation programs3. Develop short- and medium-term plans for the One TBI Program<ol style="list-style-type: none">a. Develop a multi-stakeholder partnership mapping for the One TBI Programb. Develop/formulate a roadmap for the Regional Startup Ecosystem4. Develop a communication plan for the One TBI Program5. Develop a standard operations plan for the DOST- supported TBIs to include, but not limited to:<ol style="list-style-type: none">a. Determining the needs of the TBI to be functionalb. Developing systems for identifying and selecting clients/startups and partnersc. Providing capacity building for staff to operate DOST-supported TBIsd. Developing curricula for clients/startups6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Regional Office V

Position Code: STF-ROS-105

Education	Master's Degree in the following field(s): • <u>Urban and Regional Development Planning/Development Studies and/or its allied discipline</u>
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS. Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author (excluding thesis/dissertation)
Scope of Work	<ol style="list-style-type: none">1. Develop and conceptualize the STI plan specifically for enrolled communities in Bicol;2. Facilitate the workshop, consultations, and the preparation of the roadmap for enrolled communities;3. Identify research area and sources of funding;4. Assist in the preparation of targeted project proposals on Smart and Sustainable communities;5. Conduct capacity development for DOST V personnel and its partners related to Urban and Regional Development Planning;6. Develop strategic networking among scientists, LGUs, and appropriate/relevant national agencies;7. Support advocacy activities, liaise with Congress and other key agencies, and oversee the conduct of advocacy/lobbying/information dissemination activities;8. Facilitate LGU acceptance/adoption of STI plan and/or STI roadmap; and9. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

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Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Regional Office VI

Position Code: STF-ROS-106

Education	Master's Degree in the following field(s): <ul style="list-style-type: none">• <u>Industrial Engineering</u>• <u>Computer Engineering/Computer Science/Information Technology</u>
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS. Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader Proficient in any of the Industry 4.0 skills: Internet of Things (IoT), cloud computing and analytics, and AI and machine learning Preferably has experience with the integration of Industry 4.0 technologies such as Internet of Things (IoT), cloud computing and analytics, and AI and machine learning in business/manufacturing operations Preferably with knowledge of architecture for Industry 4.0-based manufacturing systems
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author
Scope of Work	<ol style="list-style-type: none">1. Develop a master plan to create and strengthen preconditions of harnessing Industry 4.0<ul style="list-style-type: none">• Conduct a review of related literature, FGD, KIIs, and other related activities as input to the master plan• Conduct data analysis• Prepare the master plan with specific objectives and tasks with timelines2. Spearhead the implementation of the plan<ul style="list-style-type: none">• Conduct orientation of the plan among involved DOST personnel• Conduct a series of capability-building among involved DOST personnel• Spearhead the linkages and collaborations among the academe, industry associations, and private and other government agencies• Identify MSMEs in the six provinces of Western Visayas to be piloted on the integration of 4IR technologies

	<ul style="list-style-type: none">• Monitor, measure, analyze, and evaluate the impacts of integrating 4IR technologies on the operational and organizational levels of the pilot MSMEs• Monitor and evaluate the implementation of the plan <p>3. Review and update the plan</p> <ul style="list-style-type: none">• Based on the monitoring and evaluation results, prepare the ways forward or actions to be taken• Present the monitoring and evaluation results among the proposed actions to be taken among involved DOST personnel• Review the monitoring and evaluation results• Evaluate the plan <p>4. Perform other tasks as assigned by the head of the agency or higher authorities from time to time</p>
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Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **SCIENCE AND TECHNOLOGY FELLOW I** (SG 23)

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency of Assignment: DOST-Regional Office X

Position Code: STF-ROS-107

Education	Master's Degree in any of the following field (s): <ul style="list-style-type: none">• <u>Civil Engineering / Structural Engineering</u>
Experience	With at least three (3) years of relevant professional R&D (or non-R&D) experience after MS graduation; Preferably with at least minimum of three (3) consecutive years of structural design experience and a member of ASEP (Association of Structural Engineers of the Philippines) Project involvement in at least one (1) relevant R&D (or non-R&D) project as co-investigator, primary investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader With experience in using Vulnerability Assessment tools like GLOSSI and Infrastructure Audit Manual Has served as a Trainer in Infrastructure Audit
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997/ RA 1080/ Career Service Professional Certified
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals conference proceedings, as sole author or co-author
Scope of Work	As DRRM Infrastructure Resilience expert, he/she will be involved in the attainment of the following outcomes: <ol style="list-style-type: none">1. Provide expertise to Regional DRRM Committee members and LGUs in achieving SENDAI Framework Target D: to substantially reduce disaster damage to critical infrastructure2. Assess and formulate recommendations to improve the capabilities of Building officials in the region based on the Building Code of the Philippines and other national and international guidelines3. Capacitate building officials, engineers, and Civil Engineering students in the use of updated available technologies in vulnerability assessment4. Lead the conduct of fora and planning activities related to promoting resilience of critical infrastructure in coordination with the regional DRRM and Infrastructure committees5. Present assessment findings and policy recommendations to DOST 10 Regional Director, RRDIC-X, Regional DRRM Committee, and Regional Development Council-X6. Perform other tasks as assigned by the head of the agency or higher authorities from time to time

Department of Science and Technology

Notice of Vacancy (27 S&T Fellow I, 7 S&T Fellow II)

Position Title: **ONE (1) SCIENCE & TECHNOLOGY FELLOW I (SG 23)**

Status: Contract of Service (DOST-Office of the Undersecretary for Research and Development)

Agency or Council of Assignment: DOST-CARAGA Regional Office

Position Code: STF-ROS-108

Education	Master's Degree in the following field(s): <ul style="list-style-type: none">• <u>Technology Management</u>• <u>Research Management-related</u>• <u>Human Resource Management-related</u>
Experience	With at least three (3) years of productive professional R&D (or non-R&D) work after completion of MS. Project involvement in at least one relevant (1) R&D project (or non-R&D) as Co-investigator, Primary Investigator, or any equivalent positions. Preferably has implemented at least one (1) R&D (or non-R&D) project as Project Leader Preferably has developed a Competency Assessment Plan or any similar tool Preferably has experience in crafting a Human Resource Development Plan or Capability Development Program
Training	Sixteen (16) hours of relevant training
Eligibility	PD 997 / RA 1080 / Career Service Professional
Publications	Must have at least one (1) paper published in ISI or Scopus-indexed journals or conference proceedings, as sole author or co-author (excluding thesis/ dissertation)
Scope of Work	<ol style="list-style-type: none">1. Lead the roll out of the Competency Needs Assessment Tool to the DOST Regional Offices2. Analyze results of the Competency Needs Assessment Survey and identify competencies/skills required for each position3. Create an inventory of current skills (including level) of every personnel in the DOST ROs4. Identify current training programs offered or conducted by each DOST RO in relation to the required competencies5. Identify and harmonize training/capability programs set for a specific competency requirement and for its particular level in consultation with the other DOST RO6. Develop a unified Human Resource Development Plan for all DOST RO7. Facilitate the creation of a pool of experts for the training programs specified in the HRDP8. Perform other tasks as assigned by the head of the agency or higher authorities from time to time