

## IV- IsDB-ISFD Vocational Education Training (VET)

### Introduction

The Programme is fully funded by the Islamic Solidarity Fund for Development (ISFD), with the specific aim of reducing poverty in the following 21 Member Countries:

1. Afghanistan	2. Bangladesh	3. Benin	4. Burkina Faso	5. Chad	6. Comoros
7. Djibouti	8. Gambia	9. Guinea	10. Guinea-Bissau	11. Mali	12. Mauritania
13. Mozambique	14. Niger	15. Senegal	16. Sierra Leone	17. Somali	18. Sudan
19. Togo	20. Uganda	21. Yemen			

The programme provides educational opportunities to academically meritorious young students from the above 21 LDMCs to pursue Vocational Education and Training (VET) at a public/government institution/vocational training center to equip them with knowledge, skills and competences required in particular occupations and on the labour market and enable them to make a meaningful contribution to the development of their countries.

### Concept

The scholarship is awarded as an interest-free Flex-Pay Installment Loan (*Qard Hasan*) to the students. Repayment will take place once the students finish their study and secure a gainful employment, to a Local Education Trust Fund (LETF) established in each member country benefiting from the Programme. The collected amounts are to be recycled in new scholarships offered to students from the same country.

### Eligibility Criteria

The prospective candidates must meet the following eligibility criteria:

- Citizens of any of the 21 IsDB LDMCs mentioned above.
- Completed high school with minimum good grades in major subjects;
- Not in receipt of any other scholarship; and
- Be medically fit and willing to undergo medical tests after selection.

## Fields of Study

The eligible candidates may apply to study one of the following fields of study only:

SN	Fields of Study/Specialty
1	Accounting and Finance Technician
2	Aeronautic Maintenance
3	Agriculture Equipment Technician
4	Agriculture Technology diploma
5	Airport logistics and freight management
6	Architectural Design Software
7	Automotive Technician
8	Backing, Back Office employee: offshoring
9	Business Management technician expert
10	Certified network technician
11	Clothing / Industrialization Techniques
12	Communication customer relationship offshore
13	Composites Materials Processing
14	Computer Support Technician
15	Computer-Aided Design (CAD) Operator
16	Construction Materials Sales Technician
17	Construction Technologies
18	Database Administrator (DBA)
19	Decorations and props Skilled Technician
20	Dental Assistance
21	Design Office Skilled Technician: Steel Construction
22	Designer Developer JAVA J2EE
23	Diesel Equipment Mechanic
24	Digital Marketing
25	Early Childhood Educator
26	Emergency Medical Technician
27	Emergency Medical Technician - Paramedic
28	Equine Business Manager
29	Executive Secretarial Skills
30	Fish and Wildlife Technician
31	Forestry Technician
32	Governance and Management of Manufacturing Skilled Technician
33	Governess assistant
34	Operations and Logistics
35	Health and Quality Skilled Technician
36	Healthcare Administration
37	Hospitality and Tourism
38	Hotel management
39	Sales support in banking
40	Industrial chemistry

41	Industrial Electronics & Maintenance Technician
42	Industrial Environmental Engineering Technician
43	Industrial Manufacturing Engineering Technician
44	Industrial Safety Engineering Technician
45	Industry Construction Materials Maintenance
46	Industry Milling Skilled Technician
47	Infographics
48	Insurance Back Office employee: offshoring
49	IT Project Manager
50	LAN WAN Network Technician
51	Large Retail Department Manager
52	Leather Chemicals Skilled Technician
53	Machine Maintenance and Tooling Plastics
54	Machine Tool Operation/ Technics
55	Machining in computer-controlled machine tool: FAO method tool design
56	Machining on numerically controlled Machine Tools
57	Maintenance Food Industry Skilled Technician
58	Manufacturing Basics
59	Manufacturing Food Industry Skilled Technician
60	Manufacturing Technician
61	Mechatronics
62	Medical Assistant
63	Medical Imaging
64	Medical Lab Technician
65	Meteorology Skilled Technicians
66	Methods Leather Skilled Technician
67	Methods, Manufacturing and Quality Skilled Technician: option Automotive
68	Midwifery
69	Mining Engineering Technician
70	Mobile Programmer
71	Net Software Developer
72	Network Technician
73	Nursing Assistant
74	Oleoculture and oil technology Skilled Technician
75	Packaging and Conditioning Skilled Technician
76	Personnel Officer
77	Pharmacy Technician
78	Phlebotomy Technician
79	Preschool Educator
80	Printing Management
81	Property Design Skilled Technician
82	Quality Control Skilled Technician: Textile
83	Quality Manufacturing
84	Quality, Health, Safety and Environment
85	Residential Building

86	Sales operator and Customer Relationship Offshore
87	Sales Technician expert
88	Skilled Technician in Diagnostics and Embedded Electronics
89	Skilled technician in engineering
90	Skilled Technician in Telecommunication
91	Skilled Technician Manufacturing Chart
92	Software Development Specialist
93	Special Effects editor in Audio Visual
94	Special Effects Skilled Technician
95	Specialized machining technician on MOCN, option: press tool machining
96	Steward
97	Structural Works Skilled Technician
98	Surface treatment Skilled Technicians
99	Surgical Technologist
100	Surveyor/topographer Skilled Technician
101	Technical Sales: Vehicles and Automotive Parts
102	Technician in design department: automotive option
103	Technician in design department: tool design option
104	Technician in secretarial and office automation
105	Technician specialized in accommodation and hosting
106	Textile Maintenance and Manufacturing
107	Tourist animator
108	Transport Operations Skilled Technician
109	Travel agencies
110	Veterinary Technician
111	Visual Audio Skilled Technician (Option: Image)
112	Visual Audio Skilled Technician (Option: Sound)
113	Visual Audio Skilled Technician (Optional Installation)
114	Web Design Specialist
115	Welding
116	Welding Robotic Operation
117	Wood Technology
118	Works Supervisor Skilled Technician: Public Works

## **Benefits and facilities**

The programme covers the following items:

- Monthly stipend commensurate with the cost of living of the country of study;
- Tuition fees, if any, subject to IsDB's approval;
- Cost of medical treatment at university/government hospital;
- Economy class return air tickets (once at the time of joining and on completion of study) and installation and equipment allowance for the students selected to study abroad at partnered universities/countries.

To help students prepare themselves for their future leading role in the development of their communities and countries, the IsDB also provides them with extra-curricular activities under a special programme called "Mentorship, Guidance and Counselling Programme" to ensure their academic progress and social and psychological integration at the university as well as with the local community environment.

## **Place of Study**

Consistent with the concept of the Programme, selected students must obtain admissions in one of the approved fields of study at one of the top public/government universities in their own countries. In case of unavailability of fields of study in their home countries, they can seek admission in member countries having agreement with the IsDB, i.e. Malaysia, Morocco, Tunisia and Turkey.

## **Obligations**

Candidates granted the scholarship are expected to:

1. Sign the IsDB's prescribed Scholarship Agreement stating their commitment to their studies and serve their communities and countries upon graduation;
2. Devote themselves to their studies on a full-time basis and without interruption and provide the IsDB with progress reports on their studies on a regular basis;
3. Not to seek or accept other scholarship or remunerated work during their study under the Programme;
4. Respect the laws of the country of study and maintain good personal and professional conduct consistent with the rules, regulations and objectives of the Programme and the overall mission of the IsDB;
5. Register to the IsDB Alumni after graduation to network with other alumnus and keep updating the IsDB about their progress and achievements in their communities/countries.
6. Refund the loan after graduation and securing gainful employment, in easy installments, to Local Education Trust Fund (LETF) established by the IsDB in their countries.

## **Selection Process**

The review and selection process are undertaken by an independent International Selection Committee, composed of academicians and chaired by the Senior Advisor to the IsDB President for Science, Technology and Innovation.

The Selection Committee assesses the applicants' qualifications and eligibility requirements and ascertains the scientific and development relevance of the proposed fields of study. Recommendation for final selection is made by the committee and final selection is approved by the IsDB management whose decision is final.

## IV- IsDB-ISFD Bachelor Degree Programme

### Introduction

The Programme is funded by the Islamic Solidarity Fund for Development (ISFD), with the specific aim of reducing poverty in the following 21 Least Developed Member Countries (LDMCs):

1. Afghanistan	2. Bangladesh	3. Benin	4. Burkina Faso	5. Chad	6. Comoros
7. Djibouti	8. Gambia	9. Guinea	10. Guinea-Bissau	11. Mali	12. Mauritania
13. Mozambique	14. Niger	15. Senegal	16. Sierra Leone	17. Somali	18. Sudan
19. Togo	20. Uganda	21. Yemen			

The Programme provides educational opportunities to academically meritorious and financially impoverished young men and women from the above 21 LDMCs to pursue Bachelor degree at a public/government university and to train them in specific fields and enable them to make a meaningful contribution to the development of their countries.

### Concept

The scholarship is awarded as an interest-free Flex-Pay Installment Loan (*Qard Hasan*) to the students. Repayment will take place once the students finish their study and secure a gainful employment, to a Local Education Trust Fund (LETTF) established in each member country benefiting from the Programme. The collected amounts are to be recycled in new scholarships offered to students from the same country.

### Eligibility Criteria

The Programme is open for academically meritorious students with strong desire to engage in social services and community development after graduation. The prospective candidates must meet the following eligibility criteria:

- Citizens of any of the 21 IsDB LDMCs mentioned above.
- Completed high school with minimum good grades in major subjects;
- Not in receipt of any other scholarship; and
- Be medically fit and willing to undergo medical tests after selection.

## Fields of Study

The eligible candidates may apply to study only in the following fields of study:

<b>Sustainable Agriculture</b>	<ul style="list-style-type: none"> <li>- Agriculture</li> <li>- Forestry</li> <li>- Natural Resources</li> <li>- Veterinary</li> <li>- Resilient Crops</li> <li>- Postharvest Technologies</li> </ul>
<b>Education</b>	<ul style="list-style-type: none"> <li>- Education System Development</li> <li>- Technological Education</li> <li>- Curricula Development</li> <li>- Instructional Design</li> <li>- Sustainability in National Curricula and Teaching Syllabus</li> <li>- Leadership and Community Engagement in educational settings</li> <li>- Educational Psychology and Learning</li> <li>- Education Policy and International Development</li> </ul>
<b>Education for Sustainable Development:</b>	<ul style="list-style-type: none"> <li>- Education System Development</li> <li>- Technological Education</li> <li>- Curricula Development</li> <li>- Instructional Design</li> <li>- Sustainability in National Curricula and Teaching Syllabus</li> <li>- Leadership and Community Engagement in educational settings</li> <li>- Educational Psychology and Learning</li> <li>- Education Policy and International Development</li> </ul>
<b>Climate Change:</b>	<ul style="list-style-type: none"> <li>- Environmental Sciences</li> <li>- Earth Studies.</li> <li>- Geology</li> <li>- Physical Geography.</li> <li>- Marine Studies</li> </ul>
<b>Energy:</b>	<ul style="list-style-type: none"> <li>- Electrical Engineering</li> <li>- Insulation Technologies</li> <li>- Renewable Energy</li> <li>- Energy Technologies</li> </ul>
<b>Sustainable Cities:</b>	<ul style="list-style-type: none"> <li>- Civil Engineering</li> <li>- Surveying</li> <li>- Urban Planning</li> <li>- Sanitation</li> <li>- Transportation</li> </ul>
<b>Responsible Growth:</b>	<ul style="list-style-type: none"> <li>- Urban Planning</li> <li>- Economic Geography</li> </ul>
<b>Waste Management:</b>	<ul style="list-style-type: none"> <li>- Recycling Technologies &amp; Engineering</li> </ul>
<b>Population Growth:</b>	<ul style="list-style-type: none"> <li>- Demography</li> <li>- Statistics</li> <li>- Econometrics</li> </ul>

	- Population Studies
<b>Green Chemistry:</b>	- Chemical Engineering - Chemistry - Chemical Physics - Green Technologies
<b>Biodiversity:</b>	- Marine Sciences - Biological Sciences - Ecosystems
<b>Plastic pollution and Micro-plastics:</b>	- Product Development and Innovation - Plastic Production Industry
<b>Water and Hygiene:</b>	- Water Resources Management - Water Refinement
<b>Health:</b>	- Medicine - Dentistry - Pharmacy - Nursing - Medical Laboratories - Microbiology - Public Health - Nutrition - Health Services Management - Bio-Medicine - Medical Technology - Biology - Biotechnology
<b>ICT for Development</b>	- Computer Science - Information Technology - Telecommunication and Electronics - Robotics - Artificial Intelligence - Physical and Numerical Modelling
<b>Innovation &amp; Infrastructure Development</b>	- Industrial Technologies - Mechanical Engineering - Surveying
<b>Islamic Economics, Finance and Banking</b>	- Islamic Economics, - Islamic Finance - Islamic Banking
<b>Social Sciences fields</b>	- Economics - Law - Media and Journalism - Political Sciences - Entrepreneurships

## Benefits and facilities

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- Cost of medical treatment at university/government hospital;
- Economy class return air tickets (once at the time of joining and on completion of study) and installation and equipment allowance for the students selected to study abroad at partnered universities/countries.



To help students prepare themselves for their future leading role in the development of their communities and countries, the IsDB also provides them with extra-curricular activities under a special programme called “Mentorship, Guidance and Counselling Programme” to ensure their academic progress and social and psychological integration at the university as well as with the local community environment.

### **Place of Study**

Consistent with the concept of the Programme, selected students must obtain admissions in one of the approved fields of study at one of the top public/government universities in their own countries. In case of unavailability of fields of study in their home countries, they can seek admission in member countries having agreement with the IsDB, i.e. Malaysia, Morocco, Tunisia and Turkey.

### **Obligations**

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1. Sign the IsDB’s prescribed Scholarship Agreement stating their commitment to their studies and serve their communities and countries upon graduation;
2. Devote themselves to their studies on a full-time basis and without interruption and provide the IsDB with progress reports on their studies on a regular basis;
3. Not to seek or accept other scholarship or remunerated work during their study under the Programme;
4. Respect the laws of the country of study and maintain good personal and professional conduct consistent with the rules, regulations and objectives of the Programme and the overall mission of the IsDB;
5. Register and join the IsDB Alumni after graduation to network with other alumnus and keep updating the IsDB about their progress and achievements in their communities/countries.
6. Refund the loan after graduation and securing gainful employment, in easy installments, to Local Education Trust Fund (LETF) established by the IsDB in their countries.

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