ABOUT THE PROGRAMME

1. *What is the duration and structure of the programme?*
   Power X Robotics is a 9-month traineeship programme divided into two phases:
   - **Phase 1** – A 3-month structured training focused on trainees acquiring essential programming and industry-specific skills. A Capstone Project that the trainees will be required to complete by the end of the 3-month training.
   - **Phase 2** – A 6-month On-the-Job Training (OJT) with a partner company.

2. *Who is eligible to apply for Power X Robotics?*
   Singaporeans and Permanent Residents (PRs) who are passionate about building a career in Robotics and have:
   - A university degree in science, technology, engineering or mathematics.
   - Basic programming skills.
   - At least 2 years of full-time working experience in any field.
   - Experience with Robotics-related projects (preferred).

3. *Does the trainee have to pay for the training during the programme (e.g. Phase 1 structured training)?*
   No. All training fees will be fully sponsored, and trainees will not be required to pay for any training or tests.

4. *How do trainees progress from Phase 1 to Phase 2 of the programme?*
   There will be tests after each module during Phase 1, this is to ensure all trainees have acquired the necessary skills needed to continue with the traineeship. In summary, trainees are required to pass all tests after each module and complete the Capstone Project at the end of Phase 1 before they can proceed to Phase 2.

5. *What happens if the trainee fails any of the tests/ assessments in the programme?*
   Additional support such as refresher courses for trainees who fail the modular tests, and re-assessment opportunities will be provided. However, if a trainee is unable to successfully complete the re-assessments, the traineeship will be terminated, and sponsorship costs will be recovered from the trainee.

6. *What is a Capstone Project and what is the purpose of the project?*
   Capstone Project determines the competency of a trainee who has gone through the Phase 1 structured training. The purpose of the project is to ensure trainees acquire and demonstrate a good understanding of the essential skills upon completion of Phase 1. The trainees will also be required to use their newly acquired Robotics skill sets to complete the project, guided by their mentors from partner companies.

7. **What will the trainees be working on under Phase 2 during the On-the-Job Training (OJT)?**
   In Phase 2, trainees will work full-time for a partner company. During the OJT, trainees will be guided by a mentor from the partner company as they work on their designated Robotics project. Each mentor will set clear deliverables and follow a traineeship plan for each trainee.

   Partner companies will assess the competencies of trainees on a regular (e.g. monthly/bi-monthly) basis and make necessary adjustments upon mutual feedback by the trainee and the mentor. Progress reports of the trainees will be shared with SGInnovate and the trainees to facilitate learning and development.

8. **Who are the partner companies in the programme?**
   The partner companies onboard Power X Robotics are potential hiring companies, looking for Robotics Engineers to join them. The trainee can expect a mentor with years of industry experience to guide them during their attachment to the programme. A list of partner companies can be found on the Power X Robotics website [https://www.sginnovate.com/power-x-robotics/#partners]. Trainees can find the overview of the companies and a short introduction on the projects that these companies are working on.

9. **Can the trainees choose which partner company he/she would like to be attached to?**
   Shortlisted applicants may indicate their interest for specific partner companies under Power X Robotics. This indication will be taken into consideration during the selection process. Partner companies will evaluate the application based on the applicant's technical & cognitive assessment results, interview outcomes, etc. to determine if the trainee is suitable for the organisation.

10. **Are trainees allowed to switch to another partner company during the programme?**
    Trainees are encouraged to consider a partner company's projects, company culture and background before accepting their Letter of Offer (LOO) to be a part of the traineeship programme. This knowledge will help to ensure that the trainees and the partner companies are aligned in expectations and OJT process. Switching partner companies during the 9-month programme is not strongly encouraged as it could affect the learning process.

11. **Will the trainee receive a stipend for this programme? How much is the stipend?**
    Trainees of the programme will receive a stipend of:
    - S$3,400 a month during the 3-month structured training in Phase 1; and
    - S$4,000 a month during the 6-month On-the-Job Training in Phase 2.

    During Phase 1, trainees will be attending full-time formal, structured training which is fully sponsored by the programme. The reduced stipend in Phase 1 signifies the commitment of the trainee to focus on acquiring the necessary skills prepared for their contribution to the partner company in Phase 2.

12. When and how will the trainee receive the stipend?
    Trainees will receive their monthly stipend at the end of each month of training.

13. If the trainee is a Singaporean/Singapore PR, will he/she be required to contribute to CPF?
    As this is a traineeship, trainees will not be required to contribute CPF. The main purpose of the programme is to develop talents and prepare them for a new career in Robotics. As such, the partner companies will also not be required to pay CPF for the trainee since they are not officially an employer of the trainee.

14. Are the trainees entitled to Annual and Sick Leave during the programme?
    Partner companies are encouraged to accord the trainee annual and medical leave on a discretionary goodwill basis.

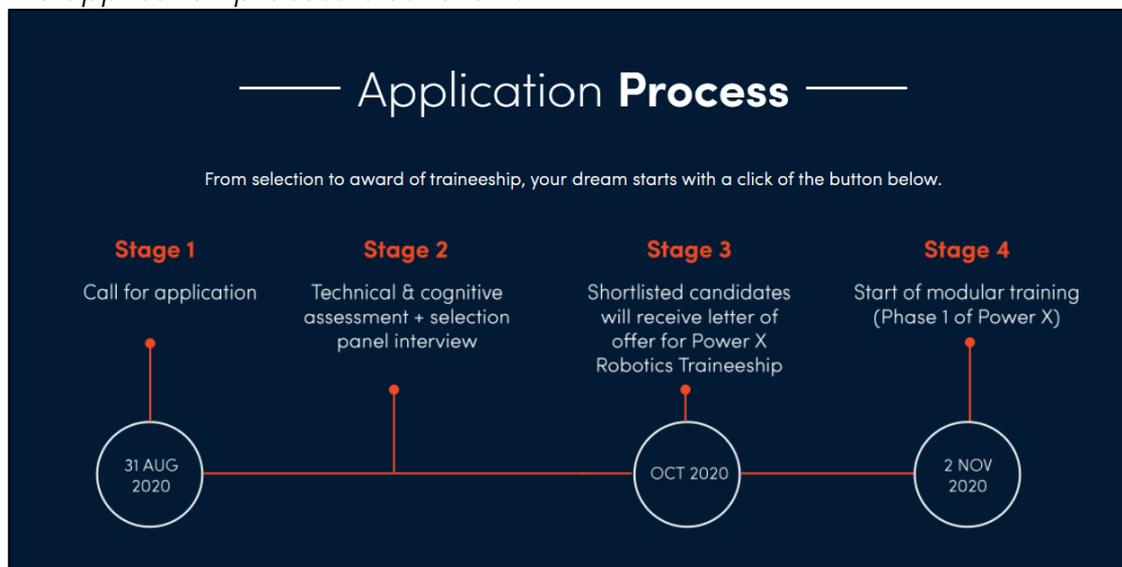## APPLICATION PROCESS

15. How to apply for Power X Robotics?
    Interested participant may apply through our SGInnovate – Power X Programme page at: https://stars.sginnovate.com/prog/apply/powerx.

16. When is the application open?
    Application opens on 31 August 2020 and closes on 4 October 2020. No applications will be accepted after application is closed.

17. What is the application process?
    The application process is as follows:

18. **Can an applicant amend his/her application after he/she has submitted it?**
    The system allows applicants to edit his/her application after submission. However, only the latest application submitted before the deadline will be considered.

19. **Will the trainee be allowed to join the programme if he/she is currently already employed by another organisation?**
    Power X Robotics is a challenging and intensive traineeship programme which requires individuals to be committed to the training. Trainees will be placed on an accelerated full-time training throughout the 9-month traineeship and would need undivided focus for effective learning and development. As such, trainees should not undertake any other occupation or employment during the 9-month traineeship programme. Applicants who are currently employed must end their service with their current employer upon their acceptance into the programme. Proof of resignation should be provided along with the signed acceptance of offer.

20. **What is the selection process?**
    There are two stages to the process:

    - *Stage 1: Technical Assessments*
      Qualified applicants who meet the eligibility criteria will receive technical assessments to be completed. The technical assessments would test applicants on programming and logical thinking as these are the basic skills necessary for trainees during the programme.

    - *Stage 2: Interviews*
      Applicants who successfully pass the technical assessments will be invited to attend interview sessions with the partner company and SGInnovate.

    Following interview sessions, shortlisted applicants will be notified by end October 2020 if they have been successfully offered a traineeship, and will receive a Letter of Offer (LOO) to be signed and returned to SGInnovate. We regret that only shortlisted applicants will be notified.

PLACEMENT

21. **Will trainees be offered full-time roles at the end of the programme?**
    A full-time offer is not guaranteed upon admission into the programme. However, partner companies are strongly encouraged to offer trainees a relevant full-time role in their company at the end of the traineeship, if the trainee has met the competencies required and performed well.

    As such trainees are advised to level up their competencies and actively contribute to the partner company in their traineeship roles throughout the 9-month programme.

22. *What happens if the trainee is not offered a full-time role in the partner company?*
For trainees who are not offered a full-time role at the end of the programme, SGInnovate will help to facilitate placement matching and provide networking opportunities with other Robotics organisations.

More queries?
Please email us at PowerX@sginnovate.com.