Government of Kerala and IAPMO India

For implementation of Additional Skill Acquisition Programme - ASAP
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**Project Summary**

Demographic dividend, Development indicators and Market potential has placed India in a formidable position in the 21st century’s financial landscape. By the year 2020, the country is poised to become a major human resource hub of the World even ahead of many developed nations of the present. A huge responsibility rests with the State Governments towards making the country future ready and a great deal of this depends upon concerted efforts in raising the quality and standards of the human resources. The Government of India, realizing this has created a road map for Human Resources Development at all levels including Education, Research, Industry and Trade.

National Skill Development Mission has estimated that there is an increased demand for skilled manpower to sustain the industrial growth and thereby the economic growth of the nation. To create such a trained manpower, it is essential to give training that will provide assistance for skill formation to the general populace that will enhance their capacity to undertake gainful self—employment as well as access to better salaried employment in industries through identified skill sectors.

The plumbing Industry faces a huge gap in the supply of skilled labour. This course will provide the learner with practical skills and knowledge to carry out plumbing applications in both the commercial and domestic sectors of the industry. RFP was invited by Kerala government on behalf of prospective skill training service providers seeking to provide —Skill Course Training in Plumbing sector.

**Mission**

Kerala, traditionally known for its high quality man power spread all over the World and with a high density of science and technology personnel, has always set a model for the nation in developmental issues. The realization of the fact that its unemployed population kept swelling despite having a rich talent pool, made it think and devise ways to counter the trend.

The Kerala State, by realizing this responsibility, has embarked upon an ambitious project named **State Skill Development Project** to equip its young population with skills in cutting edge sectors in order to effectively alleviate the unemployment problem in the state. The project combines both preventive (**Additional Skill Acquisition Programme - ASAP**) and curative approaches (**Additional Skill Enhancement Programme**). On the preventive side, the General and Higher Education Departments together will implement the Additional Skill Acquisition
Programme (ASAP) to amplify working hands in different sectors of the economy, by providing additional skill sets to students along with their regular courses.

Additional Skills Acquisition Programme (ASAP) has been developed to impart sector specific skills to create a labour market ready work force. Additional Skill Acquisition programme has recognized that trained manpower is required in the sectors such as Agriculture, Construction and Infrastructure Development, Life Sciences, Plumbing, Event Management.

**Objectives**

- To enhance the employability of the students graduating from regular academic courses by introducing additional skill acquisition programmes along with the regular studies.

- To ensure students enrolled for ASAP programmes attain a reasonable level of competence in English Communication as well as in basic IT domain.

- To provide good quality industry endorsed training in selected industry sectors to the interested students predominantly from the families belonging to socially and economically weaker sections. The broad aim of State Skill Development Project is to fulfil the growing skilled manpower requirements of the state and to bridge the gap between supply and demands. Within this broad framework, the Additional Skill Acquisition Programme aims to provide quality industry oriented skill training to more than 3.1 lakh deserving students through a network of selected schools and colleges across the state of Kerala over a period of five years.

- Additional Skill Acquisition Programme has been conceived as an idea making the State of Kerala as a hub for Skilled Manpower through imparting skill training through industry linkage to students of Schools and Colleges.
IAPMO India signed an agreement on 3rd December 2013 with Government of Kerala to develop competent manpower in plumbing sector, to offer skill oriented courses in plumbing Sector which is valid till 31st July 2016. 14 Skill Development Centers spread across 11 districts of Kerala have been recognized by Government of Kerala where basic infrastructure support required for the training is provided. Programme Manager (PM) of ASAP, appointed by Government for the purpose of ASAP, are managing and administering the training programmes in the selected institutions along with the faculty co-ordinators designated in the institutions.
Skill Exhibition 2013

The 'Skill Exhibition 2013' of Additional Skills Acquisition Programme (ASAP), a joint venture of the General Education and Higher Education Departments, was organised in all districts to create awareness among the students, parents and the public about the Skill Courses that ASAP is offering this year. It was conducted on December 21 and 23, 2013.

The Skill Exhibition was given sufficient publicity and different publicity tools such as press releases, media briefings, display of banners, posters etc were used for it. It was specifically designed to help the students meet the training providers currently providing the skill courses and choose from over 33 courses during the exhibition.

Each training provider was allotted a stall to highlight their courses. Necessary facilities like a table, chair, plug point etc were available in each stall. A stall was set apart for ASAP. The leaflet of ASAP was distributed to parents and students from this stall. The concept and activity videos of ASAP were played in this stall. In the ASAP stall, both student and parent enquires were handled. Besides this, various announcements regarding the exhibition were also made from this stall.

Role of IAPMO India

- Design the programme in such a way that students enrolled with ASAP can take the programme as an add-on programme and equip them to take up job in the concerned sector.

- Design a curriculum with 50 hours of theory, 150 hours of practical and 24 hours internship for “Plumbing Apprentice Programme” which is compliant to National Occupational Standards of “Plumbing General Assistant” Job role (QP No. PSC/ Q 0102 NSQF Level :2) of Indian Plumbing Skill Council (IPSC).

- The Plumbing Apprentice Programme (PAP) developed jointly by IAPMO and IPA (Indian Plumbing Association) is a foundation programme in plumbing to provide individuals with the basic plumbing skills. Through this course of study, an individual will learn practical aspects of the installation, repair and maintenance of a variety of piping systems, plumbing fixtures and other equipment generally associated with water distribution and waste water disposal; and be introduced to some of the basic principles and code requirements of typical plumbing systems.

- This course equips the students with knowledge in topics including Introduction to Plumbing, Building Sewer (External), Drainage, Waste and Vent (Internal), Occupational
IAPMO India


- IAPMO India with the help of SB Global Education Resources Pvt Ltd., is imparting “Plumbing Apprentice Programme” (PAP) to 391 students at 14 Skill Development Centers. To impart training to these students at all locations, IAPMO India along with SB Global Education Resources Pvt Ltd has deployed trainers having proficiency both in English and Malayalam.

- Orientation sessions were conducted for all the new trainers.

- IAPMO India conducted Train the Trainer Session for PAP, on 22nd and 23rd March, 2014 at SRATI, Coimbatore which was conducted by IAPMO India Master Trainer.

- All programme materials required by students during the training period has already been updated. The arrangement for lab facilities at all identified locations have also been set up and the training sessions are being conducted regularly with more scope for team work, individual practice on skill and interaction of the students.

- Course material containing both reading material and hands out in the form of learners note, guidelines, quick reference guide etc. in English have been distributed to all students.

- The Government of Kerala and IAPMO India have been frequently visiting these training centers to conduct inspection to ensure teaching standards and quality maintenance.

- A 3 day work placement will take place at the end of the course which is followed by 30 days internship in May 2015.

- The certificates shall be jointly issued by Government of Kerala and IAPMO to students after completion of training.

- Placement of successful students is also ensured.
Glimpses of Training

TTT session at Coimbatore
IAPMO India

IAPMO Visit to Ernakulum Training Center

Lab make shift arrangement at Ernakulum Training Center
Mr. Abdul Matheen & Ms. Neeta Sharma at Pathanamthitta center

Discussion with ASAP officers during inspection of Lab facility at Thiruvananthapuram centre
5 girls have opted for Plumbing at Kollam Location
Students at Kollam Center