

Mitsubishi Electric India Contribution to “Skill India”

- Educational Activity in Factory Automation sector -

Date: 1st May 2018
Mitsubishi Electric India Private Limited

Purpose of our activity

We supply our Factory Automation(FA*) equipment to educational institution and hold training & events. Through these activities, we contribute to develop young Indian engineers and Indian automation industry, as well as enhancing the recognition of Mitsubishi Electric brand.

* Factory Automation : Contribution for automation of production in Factory, utilizing computer, human interface & actuators etc.

Target

Technical university & vocational training school that provides education to engineers who will use our Factory Automation equipment.

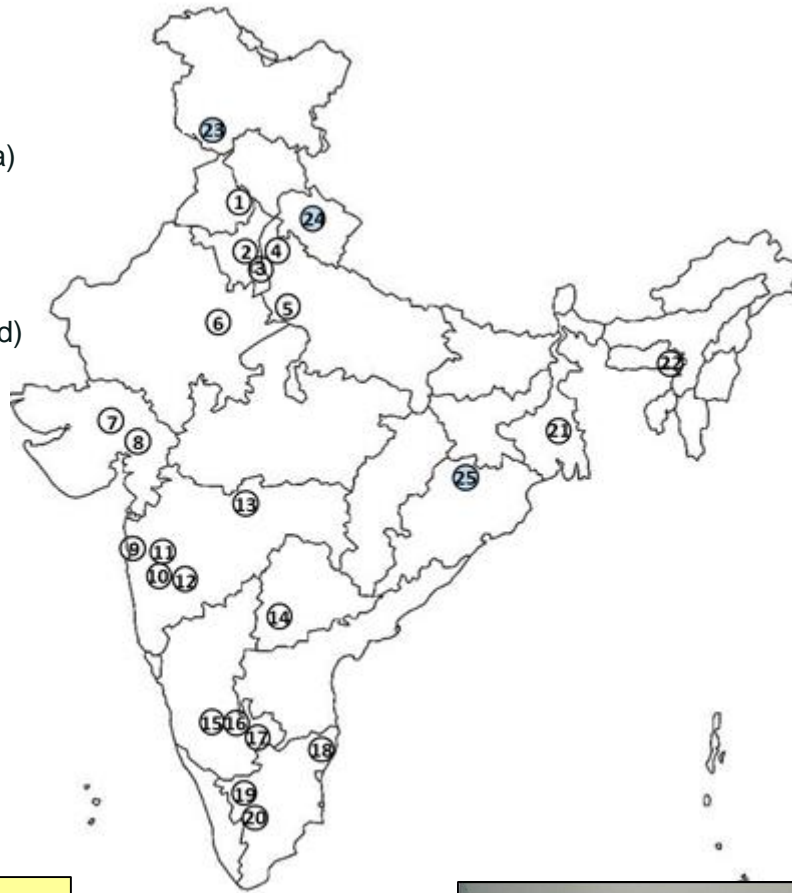
How our activity contribute to skill India

1. By training, students co-relate theoretical knowledge to practical which lead to skill enhancement.
2. By Seminar, students understand the current scenario about industries & its future requirement. Accordingly students can prepare themselves as per industrial requirement(Right knowledge for right job).
3. Project support to students help them in automation skill & can start enterprunurer ship or work independently to earn.
4. Learning on Factory Automation technology, support to digital India, Smart city concept & more.



MOU signed college name

1. PEC (Chandigarh)
2. Northcap University (Haryana)
3. MRIU (Haryana)
4. AKGEC(U.P)
5. DEI (Agra)
6. MNIT (Jaipur)
7. Nirma University (Ahmedabad)
8. DDU (Nadiad)
9. IIT (Mumbai)
10. COEP (Pune)
11. MESCOE (Pune)
12. VIT (Pune)
13. SSGMCE(Shegaon)



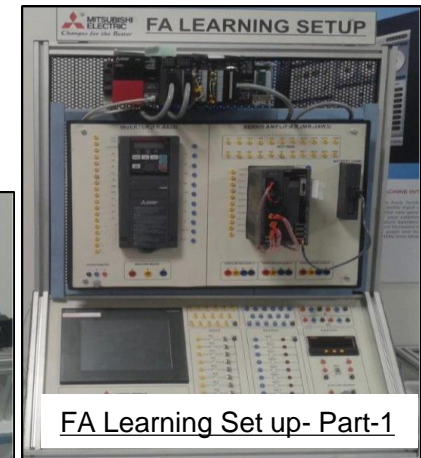
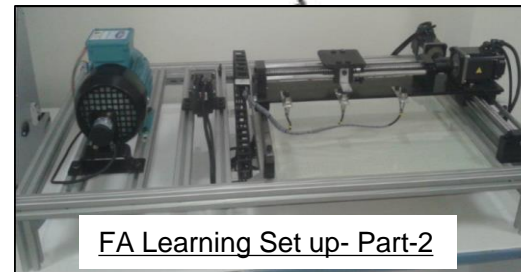
MOU signed college name

14. CVR college (Telangana)
15. IMTMA (Bangalore)
16. Makino TTC (Bangalore)
17. MSRIT (Bangalore)
18. RMK (Chennai)
19. Sri Eshwar College (Coimbatore)
20. MCET (Coimbatore)
21. IIATCA (Kolkata)
22. NIT (Silchar)
23. MIET (Jammu)
24. NIT (Srinagar)
25. NIT (Odisha)

New College

New College Plan in FY18 :

1. Target College: **MIET Jammu, NIT Srinagar, NIT Odisha**
2. Sign MOU with college.
3. Set up FA Lab in above colleges.
<FA Lab include below latest FA product>
-iQR PLC+ GT2000+ MRJ4 Servo+ INV (FR800)



2.a Train the Trainer Program (Training to teacher/ professors) : (2-3 days program)

- I. Training to teachers on FA products via Presentation.
- II. Practical training using FA training kit.
- III. Small projects/assignments based on FA products.
- IV. Batch of 10-12 teachers for 2-3 days activity.



2.b Seminar & Guest Lecture to students:

(1) Seminar: (2-4 hrs. activity)

- I. Live presentation (Theoretical) in auditorium.
- II. Batch of 100-150 students in seminar.
- III. Presentation on Factory Automation awareness.
- IV. Discuss on case studies on FA.
- V. Q&A session.



2.c Workshop

- I. Mainly focus on practical implementation using training kits.
- II. Group of 15-20 students for 1~2 days activity.
- III. Small project made by students on FA products during workshop.



3.a Robot expansion: (Target 5 Colleges)

- I. Giving Robot training kit to college.
- II. Students can utilize robot set up for their learning & project making.
- III. So far Robot kit provided to SECE college (South) & Nirma University (West India)



3.b Scada* expansion (Introduce MC Works Software) :(Target 10 Colleges)

- I. New activity for FY18.
- II. Plan to give SCADA (MC Works 64) software to colleges with license.
- III. Student can use SCADA in learning with PLC existing set up and develop system & screen for data acquisition & super visionary control.

* SCADA: Supervisory control and data acquisition, which realize monitoring & visualization of entire Factory



