

**Course Name: SINAMICS S120**

**Course Code: T.D 04**

**Course Duration: 16 Hours – 2 Days**

**Course Syllabus:**

1. All types of motor
2. Torque, speed, current, etc. curves
3. Different kinds of load
4. Methods of speed controlling in electrical motors
5. Different kinds of inverter
6. Driver components
7. Sinamics S120 drive components
8. Control Unit CU320
9. Sensor Module Cabinet SMC30
10. Terminal Module TM31
11. Smart Line Module SLM
12. Active Line Module ALM
13. Motor Module MM
14. Motor Module/Connections
15. Braking module
16. S120 power block
17. IGBT & thruster
18. SINAMICS modules
19. Commissioning by starter

تلفن دفتر هماهنگی تهران: 66730954 - 66733040 - 66760558 (021)

فکس: (021) 66760281

کد پستی تهران: 1145655857

تلفن و فکس قشم: 0790-0792 (0763524) - 09121902005

تلفن کرمان: 3-2152040 (0341)

Tel: (+9821) 66760558 - 66733040 - 66730954

Fax: (+9821) 66760281

Post Code Tehran: 1145655857

Qeshm Telefax: (+98 763524) 0790-792 - 09121902005

Kerman Tel: (+98 341) 2152040-3

Email : info@Qeshmvoltage.com

www.Qeshmvoltage.com

**20. Commissioning by AOP**

**21. Function diagrams**

**22. Parameters**

**23. Drive start-up**

**24. How to read & change the parameters**

**25. Software**

**26. Etc**

تلفن دفتر هماهنگی تهران: 66730954 - 66733040 - 66760558 (021)

فکس: 66760281 (021)

کد پستی تهران: 1145655857

تلفن و فکس قشم: 0790-0792 (0763524) - 09121902005

تلفن کرمان: 3-2152040 (0341)

Tel: (+9821) 66760558 - 66733040 - 66730954

Fax: (+9821) 66760281

Post Code Tehran: 1145655857

Qeshm Telefax: (+98 763524) 0790-792 - 09121902005

Kerman Tel: (+98 341) 2152040-3

Email : info@Qeshmvoltage.com

www.Qeshmvoltage.com