VAS

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EXAM DATE

05.07.2015

LAST DATE FOR SUBMISSION

20.06.2015

SCHOLARSHIP TEST-2015

-Placement oriented Test

An Opportunity to be placed in core companies through this test. This test results in training following placement & gives a chance for the Candidates who are looking for the placement in core manufacturing and high growth infrastructure sector, projects companies and high end electrical and mechanical design companies.

ABOUT SCHOLAR SHIP TEST-2015

Scholarship test is for degree-diploma students (EE/ECE/EEE/EIC) for their training and placement in core companies. This test is conducted pass out students (2013/2014/2015). This is an Examination that preliminary tests the basic understanding of the candidate in their core subjects in Engineering & Diploma. The rank of candidate reflects a relative performance level in exam. The rank is used for admissions to for "post graduate diploma in industrial automation engineer & certified industrial automation engineer".

> ➢ FINANCIAL ASSISTANC

A valid rank is essential for obtaining financial assistance during Training program. To avail of the financial assistance (scholarship), the candidate must first secure admission to a program.

> ➢ EMPLOYMENT

The qualifying students are placed in core /automation companies of their field after acquiring training and their performance during their training period.

> ➢ BASIC FEATURES OF SCHOLARSHIP TEST-2015

1.The examination of all branches will be conducted by an offline test. The questions will be multiple choice question (MCQ) type.

2.THE SCHOLARSHIP TEST-2015 will be held during forenoon session on Sunday on 5 july'2015.

3.For SCHOLARSHIP TEST-2015 the entire process of filling up of application form will be offline and student is allowed to send hardcopy of their application form to PVAS office on the given address.

4. The payment of application fees would be offline through different modes like cash/DD in envelope.

5. The admit cards for SCHOLARSHIP TEST- 2015 would be available through the online process (on student's Mail-I.d.) or offline process (admit card will be posted to the home address of student).

6. Candidate can choose either of the module i.e 6 Month or 1 Year.

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PRIME VISION AUTOMATION SOLUTIONS Pvt. Ltd.

➢ <mark>BENEFITS OF 1 YEAR COURSE MODULE:</mark>

1. Certificate in POST GRADUATE DIPLOMA IN INDUSTRIAL AUTOMATION

2. After 6 Month Training, Salary is given to the candidate as per their performance.

3. 1 year experience certificate.

4. Fee for 1 year course – 88760

5. 1st ranker   –   75% off on total fee
   2nd & 3rd ranker   –   50% off on total fee
   4th, 5th & 6th ranker   –   25% off on total fee
   7th,8th,9th,10th ranker –   10% off on total fee

➢ <mark>BENEFITS OF 6 MONTH COURSE</mark>

1. Certificate in CERTIFIED INDUSTRIAL AUTOMATION ENGINEER.

2. After 6 month training interviews will be held for the students.

3. After 6 month training they will be placed in companies.

4. Fee for 6 month course – 31760

5. 1st & 2nd ranker   –   50% off on total fee
   3rd,4th & 5th ranker   –   25% off on total fee
   6th,7th,8th,9th & 10th ranker   –   10% off on total fee

➢ <mark>IMPORATANT DATES</mark>

LAST DATE OF SUBMISSION	20.06.2015
EXAM DATE	05.07.2015
BATCH STARTING DATE	10.08.2015

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➤ **COURSE MODULE**

6 MONTH :

- ✓ PLC – 5 Brands SCADA- 4 Brands
- ✓ VFD&MOTORS
- ✓ PANEL DESIGINING with AUTOCAD
- ✓ DCS
- ✓ Pneumatic
- ✓ Hydraulic
- ✓ PDC
- ✓ HMI
- ✓ INSTRUMENTATION
- ✓ NETWORKING

1 YEAR:

- ✓ Same as 6 month +
- ✓ 6 Month Practical Training(with Stipend)

➤ **SYLLABUS**

➕ **PROGRAMMABLE LOGIC CONTROLLER**

- ✓ Introduction & Basics of PLC
- ✓ PLC Hardware, software & architecture
- ✓ Wiring (sourcing & sinking) concepts
- ✓ PLC applications & its addressing
- ✓ Programming with ladder language
- ✓ PLC Instructions – NO, NC, Timer, Counter, Move, Math, Logical, Jump Subroutine,MCR, File Handling, Advance Instruction, Scaling, etc
- ✓ Uploading/Downloading/monitoring, Forcing of I/Os
- ✓ Programming on On-site applications

➕ **SUPERVISORY CONTROL & DATA ACQUISITION**

- ✓ Introduction & basics Of SCADA
- ✓ Creating & editing tags, applications of SCADA
- ✓ Dynamic process graphic – Filling, Movement, Visible, Orientation, Buttons
- ✓ Trends - Real-time and Historical trending
- ✓ Alarms & events – Analog & Digital Type
- ✓ Recipe Management, Security, Device connectivity
- ✓ Script for logic development – Window, Application, Condition, Key
- ✓ Database connectivity – Excel and SQL

➕ **HMI – HUMAN MACHINE INTERFACE**

- ✓ Creating applications, creating tags
- ✓ Downloading/ uploading programs

✓ **Configuring alarms & securities**
✓ **Communication with PLC**

➕ **INDUSTRIAL NETWORKING**

✓ **Topologies & LAN, WAN, MAN**
✓ **Nodes, Ports, Cables, ISO Layer**
✓ **Programming in Hardware & Software**
✓ **Communication with Hardware & Software**

➕ **VARIABLE FREQUENCY DRIVES & MOTORS**

✓ **Introduction to AC drives & motor**
✓ **Motor Starters: DOL, Start-Delta, Auto-Transformer**
✓ **Motor Control Circuits, interlocking circuits**
✓ **Applications of AC drives & motor**
✓ **Designing of Drive control panel**

➕ **PANEL DESIGNING**

✓ **Introduction & Basics of control & power drawing**
✓ **Safety factors during panel designing**
✓ **Preparation of power & control circuits**
✓ **Maintenance &troubleshooting of control circuits**
✓ **Designing Of Star to Delta, DOL, RDOL STARTERS, Panel Box**

➕ **PROCESS INSTRUMENTATION**

✓ **SENSORS- Position, Temperature**
✓ **MEASUREMENT – Temperature, Pressure, Flow, Load, Level**
✓ **Valves & transmitters**
✓ **Instrument Transformers (CT,VT)**
✓ **Process control basics & controllers**

➕ **PREPARATION CLASSES**

✓ **Technical Query**
✓ **Technical Question**

➕ **PERSONALITY DEVELOPMENT CLASSES**

✓ **How to get interviewed & to develop Positive Attitude.**
✓ **Interpersonal skills.**
✓ **Effective Communication**
✓ **Team & Stress Management**

➕ **EMBEDDED SYSTEM**

✓ **Introduction to Electronics & Embedded System**
✓ **Basic Integrated Circuits**
✓ **8051/AVR Microcontroller**
✓ **Circuit Design and Simulation**
✓ **Peripheral Interfacing with 8051**
✓ **Robotics**

➕ **DISTRIBUTED CONTROL SYSTEM**
➕ **PNEUMATIC SYSTEM HYDRAULIC SYSTEM**

PRIME VISION AUTOMATION SOLUTIONS Pvt. Ltd.

> ## MODULE DISCRIPTION

S.No.	Module	Brand	Category
1	Programmable Logic Controller	Siemens	Logo, 200 and 300
		Allen Bradley	Micrologix 1000, 1100 &1200,
		Mitsubishi	FX Series
		Omron	CP1E, Delta-DBP32ES2.
		Delta	
2	Supervisory Control & Data Acquisition	Wonderware	Intouch 9.0, 9.5, 10.1, 10.6
		Allen Bradley	RS View 32
		Siemens	WinCC
		Mitsubishi	
3	Human Machine Interface	Allen Bradley	Panel view 300 Micro.
4	Variable Frequency Drives	Allen Bradley	Power Flex
5	Electrical		Switchgears, AC Drives
6	Panel Designing		MCC panel, PCC panel, PLC panel.
7	Process Instrumentation		PID Controller, Sensors Transmitters Switches, Pressure / DP Transmitters, Temperature Transmitters, Gauges
8	Industrial Networking	Allen Bradley	AIC-PIC Cards
9	Distributed Control System		
10	Pneumatic & Hydraulics Control		
11	Embedded System		8051

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ABOUT PVAS

(Prime Vision Automation Solutions Pvt. Ltd.)

PRIME VISION AUTOMATION SOLUTIONS PVT. LTD. - is an ISO Certified 9001: 2008 company, provides complete services & solutions on Industrial Automation, Embedded & robotics system and solar PV system that customers have relied upon for years easy to use and that gives the flexibility to choose your level of investment.

TRAINING

Now-a-days, are of Hi-tech technology of software, hardware & core is taking the country in the 21st century . We provide practical knowledge on PLC, SCADA, HMI, drives, electric motors, DCS, industrial networking, process instrumentation, and panel designing, embedded system, robotics and solar PV system to EE, ECE, EIC, EEE, CSE & ME degree- diploma engineers, freshers and working professionals at our fully equipped labs and also in college premises. Candidates who are looking for the placement in core manufacturing and high growth infrastructure sector, projects companies and high end electrical and mechanical design companies. The Company provides a comprehensive educational environment to individuals and enterprises, offering training i.e., customized to the various needs of the audiences with diverse backgrounds. To develop skilled workforce with diversified Automation knowledge to meet the ever-increasing demand of the Industries.

INDUSTRIAL PROJECTS

We are leading professionally managed company engaged in marketing of Industrial maintenance products & automation service. We ensure operational excellence, increased productivity and regulatory compliance, optimal asset utilization, reduction in downtime and safety related incidents We represent wide range of electrical, electronics, mechanical maintenance, test and measurement product for demanding industrial instruments and many other instruments to keep running your process smoothly and in tune as per your system requirements. Products we deliver are Switchgears, Drives, VFD, Servo Drives, PLC, HMI, SCADA, Sensors and transmitters, Automation Panels, Control system accessories, Solar system. Services we are providing to our

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customers PLC, HMI, DRIVES based services , Sensors and instrumentation based services, Solar PV Product servicing ,Various electric panels.

WHY PRIME VISION AUTOMATIONS SOLUTIONS PVT. LTD.

- Northern-India no. 1 company in industrial automation & Solar PV system training and projects.
- Students are trained by highly qualified faculties having exhaustive industry experience as worked on many turn-key automation assignment & projects.
- CSP certificate (Intouch, Archestra,Device Integration,historian) holder faculties impart training.
- Practical training with huge hardware bank of PLCs,Drives, and Controllers. Various brands of PLCs, Drives, and Controllers are available for training.
- Customized & Focused Training through troubleshooting, Operation& Maintenance.
- Flexible training schedule: without compromising students's operational commitments.
- Live projects & on-site practical exposure.
- Fully equipped labs facility with well qualified faculties having rich industry background.

OUR ACHIEVEMENTS

- 2500+Engineers Trained in industrial Automations
- 1000+Engineers Trained in Embedded & Robotics
- 2000+ Engineers Trained in Solar PV system
- 300+ Industrial Projects Completed
- 1000+Students Projects Completed
- 750+Industrial Visits
- 100% Placement Track Record
- & Several Solar System Installation

WHAT WE OFFER

- Allen Bradley – PLC + SCADA + DRIVE + HMI + NETWORKING + DCS
- Siemens –   PLC + LOGO + S7-200 + S7-300 + SCADA
- Wonderware –   SCADA + INVENSYS PACKAGE
- Omron –   PLC + SCADA
- Mitsubishi –   PLC+ SCADA

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- **Delta – PLC + SCADA**
- **PANEL DESIGNING + ELECTRIC MOTOR + BASIC ELECTRICAL**
- **INSTRUMENTATION**
- **8051 MICROCONTROLLER + AVR**
- **SOLAR PV ENERGY SYSTEM**

OUR COLLEGES CLIENTS

- **PCE, Jaipur**
- **PU,Jaipur**
- **JIEM,Jaipur**
- **JIT,Jaipur**
- **RIET,Jaipur**
- **Gyan Vihar, Jaipur**
- **MEC, Bikaner**
- **Pacific College, Udaipur**
- **Aravali, Udaipur**
- **BIET, Sikar**
- **Ch. PGPC, Nohar**
- **PIET,Jaipur**
- **JECRC, Jaipur**
- **JNU, Jaipur**
- **VIT, Jaipur**
- **BSET, Jaipur**
- **MJRP, Jaipur**
- **SGI, Sriganganagar**
- **SS college, Udaipur**
- **Maharaja college, Udaipur**
- **SKWPC, Tonk**
- **Stani Memorial, Jaipur**

- **AIET,Jaipur**
- **KITE, Jaipur**
- **JEC, Jaipur**
- **UDML, Jaipur**
- **MGEC, Sez, Jaipur**
- **JU, Jaipur**
- **B.K.BIET, Pilani**
- **GITS,Udaipur**
- **Shri USB group, Abu road**
- **SIET, Hanumangarh Town**
- **Rajdhani, Jaipur**
- **PGI,Jaipur**
- **SIIT,Jaipur**
- **Pinkcity, Jaipur**
- **RCERT, Jaipur**
- **Maharishi Arvind, Jaipur**
- **DKNM U, Jaipur**
- **SGI, Sikar**
- **SITE, Nathdwara etc..**
- **MIET,Jodhpur**
- **Ch.PGPC, Bhadra**
- **DRPC,Jaipur**

OUR PROJECT CLIENTS

- **Hindustan zinc**
- **Poornima University**
- **United Spirits**
- **Engineers & Engineers**
- **Pep Tech**
- **LG Electronics**
- **Hindustan Times**
- **Yumm Yumm**
- **Mody Sprinklers**

- **SwadeshiPolyfills Haveli Marbles**
- **Golcha Group**
- **Hiemens**
- **Sansar Polymers**
- **Shiv Shakti Engineering**
- **B.M. Techno Machines**
- **Swasthya Kalyan Poly. Tech**
- **Nutech Polymer**

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- **Sun Shine Automation**
- **Innani marbles**
- **Becton & Dickinson**
- **Saras Dairy**
- **BMI Cables**
- **Rudrani Engraving Engg**
- **Polu & Polu**
- **Rajshree paper & Pulp**
- **AGI glass Pac**
- **Adinath cable**
- **Himalayan Onyx**
- **Suner marble**
- **Lubi Electronics**
- **Shrinathji Institute of Tech. & Engg**
- **Jyoti Electro Sails**
- **Process Mach. Automation System**
- **Whirlpool India Pvt. Ltd.**
- **Dainik Bhaskar**
- **Times Of India**
- **Bhushan Steels**
- **Jaipur Textile Industries**
- **Century**
- **Hindustan pipes**
- **Kalptaru**
- **Power Electrical Company**
- **Madhu-Sudan Group**
- **Newtrack Offset Printers etc..**

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PRIME VISION AUTOMATION SOLUTIONS Pvt. Ltd.

S.NO.	CANDIDATE	COLLEGE	COMPANY
1.	Narendra Kumar	Rajdhani, Jaipur	Dynamic Electrical Power
2.	Hemant Kumar	Swasthya Kalyan Poly.	Vasudev Electricals
3.	Hemant Bisht	JNIT,Jaipur	Vasudev Electricals
4.	Harish	Jagannath University	U-Max-Art of Packaging
5.	Shashikant	Jagannath University	U-Max-Art of Packaging
6.	Monika	Jagannath University	PVAS, Jaipur
7.	Chandan	Jagannath University	PVAS, Jaipur
8.	Raj Kumar	Jagannath University	PVAS, Jaipur
9.	Balram	Mewar University	PVAS, Jaipur
10.	Amit Gupta	Mewar University	PVAS, Jaipur
11.	Shashank	Mewar University	PVAS, Jaipur
12.	Ajay Lakhara	Mewar University	U-Max-Art of Packaging
13.	Rajesh Dhakar	PCE, Jaipur	U-Max-Art of Packaging
14.	Shailendra Solanki	BMIT,Jaipur	Control System & Engg.
15.	Dilip Purohit	SITE, Nathdwara	Allayer Homes
16.	Darshan Purohit	JNIT, Jaipur	Allayer Homes
17.	Mukesh Saini	SITE, Nathdwara	Galaxy Automation
18.	Anil Kumar	SITE, Nathdwara	PVAS, Jaipur
19.	Aakansha Dugar	MNIT, Jaipur	Ultra tech
20.	Kailash Khichar	Shekhawati	BMI Cables
21.	Raj Kumar	Reigonal	BMI Cables
22.	Arun Sharma	Shekhawati	Siemens System House
23.	Kartik Kumar Gope	Sri Balaji	Bhushan Steels

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24.	Tarrnnum Gupta	MNIT	Zindal Steels Work
25.	Puneet Parashar	Gyan Vihar	JEN
26.	Anurag Vyas	Pacific	Pyrotech
27.	Priti Ratnawat	JNIT	Indo Power Sys
28.	Alok Kumar	SITE, Nathdwara	Bosch
29.	Ranjan Pandey	PIET, Jaipur	MPPKVVCL
30.	Ronik jain	PCE, Jaipur	Precise Automation
31.	Umesh	SITE, Nathdwara	Pep Tech
32.	Ajit Jain	GITS, Udaipur	Aregate
33.	Shweta Garg		AGI Glass
34.	Dhruval Shah	SITE, Nathdwara	Lubi
35.	Ravi Shrimali	GITS, Udaipur	Lubi
36.	Digdarshan	GITS, Udaipur	Siemens
37.	Rohit Azad	S.B.C.E.T, Jaipur	PVAS
38.	Brij Mohan Mali	M.J.R.P, Jaipur	PVAS
39.	Harshpreet Singh	S.B.C.E.T,Jaipur	Robomagic
40.	Narendra Kumawat	R.I.T.M, Jaipur	Vasudev Electronics
41.	Naveen	Bansal College	Millborn
42.	Barkha Kumawat	Gyan Vihar	NIC(Sensor & Automation)
43.	Deepak Gaur	S.B.C.E.T, Jaipur	Infres Methoden Ltd.
44.	Sanjay	S.W.I.T	Infres Methoden Ltd.
45.	Manoj Kumar Saini	J.E.C	Novem Control

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