

SKILL TRAINING

...developing Skilled Nation...

R . S C O L L E G E O F M A N A G E M E N T
A N D S C I E N C E

SKILL BASED COURSES IN COLLABORATION WITH EDUCATIONAL INSTITUTIONS / INDUSTRIES

Background

Vocational education is based on occupation and employment and it is the need of the hour for every country to have strong vocational education system. The same can also be described as skill based education. The Indian education system recognizes the role of education and particularly vocational education. National Council for Vocational Training, an advisory body, was setup by the Government of India and plays its important role in Implementation of Vocational Education in India.

Vocational education has to be viewed from different multi-layered practices. One is of course the hands-on training component; the other is the employment generation and sustainability. These needs are well understood by RS College of Management and Science and the existing gap in India is proposed to be bridged by RS College of Management and Science.

Association of RS College of Management and Science do ?

RS College of Management and Science comprising of team of eminent and highly experienced faculty would pitch in and equip the youth of India with skills that are required by them at the marketplace.

With the available domain expertise with RS College of Management and Science, it is proposed to conduct the undermentioned courses at the college campus.

(A) UNARMED SECURITY GUARD

Program Name	Unarmed Security Guard
Pre-Requisites for Training	Preferably equivalent to 8th (Normal literacy of reading, writing and understanding)
Training Outcome	After completing this program, participants will be able to: <ul style="list-style-type: none">• Perform basic security tasks: Be able to perform security tasks in accordance with basic security practices.• Understand the legal requirements: Understand the legal requirements and work within the law when undertaking private security tasks.• Provide private guarding service: Provide private guarding service to people, property, premises and businesses.• Control access: Control access to guarded premises.• Perform screening and search: Carry out screening and search operations• Manage traffic: Manage traffic and control parking.• Perform security escort: Perform security escort duties.• Observe personal hygiene and occupational health and safety: Maintain personal hygiene and observe occupational health and safety practices at work place.• Perform domain-specific security tasks: Carry out private security tasks in commercial and industrial deployments.

	<ul style="list-style-type: none"> • Communicate effectively: Communicate effectively with stakeholders. • Respond to emergencies: Identify and operate security, safety, firefighting and communication equipment effectively and respond to emergencies. • Render first aid: Provide basic first aid. • Image building: Project positive image of self and the organization • Practical Public English Speaking Skills
Course Duration	15 days
Course Fees	Free * (Rs 8500)

(B) Computer Fundamentals and MS Office

Program Name	Computer Fundamentals and MS Office
Pre-Requisites for Training	Preferably equivalent to 7th (Normal literacy of reading, writing and understanding)
Training Outcome	<p>After completing this program, participants will be able to:</p> <ul style="list-style-type: none"> • Be proficient in usage of MS Word, MS Excel, MS Powerpoint, MS Access, Frontpage • Capable of developing projects in MS Office independently • Capable of performing secretarial duties • Practical Public English Speaking Skills
Course Duration	4 weeks
Course Fees	Free * (Rs 6000)

(C) Certificate course in Robotics at Workplace

Program Name	Certificate course in Robotics
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	<p>After completing this program, participants will be able to:</p> <ul style="list-style-type: none"> • Understand the usage and functions of Robots • Design/construct own robots • Usage of robots in multiple disciplines • Practical Public English Speaking Skills
Course Duration	6 weeks
Course Fees	Free * (Rs 12000)

(D) Advanced Certificate course in Data Analytics at work

Program Name	Advanced Certificate course in Data Analytics
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	<p>After completing this program, participants will be able to:</p> <ul style="list-style-type: none"> • Perform data analytics for organizations • Aid organizations in taking decisions • Perform duties as decision scientist / data scientist

	<ul style="list-style-type: none"> • Practical Public English Speaking Skills
Course Duration	6 weeks
Course Fees	Free * (Rs 14500)

(E) CISCO IT Essentials

Program Name	Red Hat Certified Engineer
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	<p>After completing this program, participants will be able to clearly understand :</p> <ul style="list-style-type: none"> • Introduction to PCs • Lab Procedure and Tools Used • Computer Assemble • Overview of Preventive Maintenance • Operating Systems • Networks • Laptops • Mobile Devices • Printers • Security • Advanced Troubleshooting • Practical Public English Speaking Skills
Course Duration	150 Hours
Course Fees	Free * (Rs 24500)

(F) CISCO Certified Network Associate (CCNA) – Routing and Switching

Program Name	CISCO Certified Network Associate (CCNA) – Routing and Switching
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	<p>After completing this program, participants will be able to clearly understand :</p> <ul style="list-style-type: none"> • Introduction to PCs • Lab Procedure and Tools Used • Computer Assemble • Overview of Preventive Maintenance • Operating Systems • Networks • Laptops • Mobile Devices • Printers • Security • Advanced Troubleshooting • Practical Public English Speaking Skills
Course Duration	180 Hours
Course Fees	Free * (Rs 24500)

(F) CISCO Certified Network Associate (CCNA) – Security

Program Name	CISCO Certified Network Associate (CCNA) – Security
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none">• Introduction to PCs• Lab Procedure and Tools Used• Computer Assemble• Overview of Preventive Maintenance• Operating Systems• Networks• Laptops• Mobile Devices• Printers• Security• Advanced Troubleshooting• Practical Public English Speaking Skills
Course Duration	60 Hours
Course Fees	Free * (Rs 7400)

(G) CISCO Certified Network Associate (CCNA) – Routing

Program Name	CISCO Certified Network Associate (CCNA) – Routing
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none">• Introduction to PCs• Lab Procedure and Tools Used• Computer Assemble• Overview of Preventive Maintenance• Operating Systems• Networks• Laptops• Mobile Devices• Printers• Security• Advanced Troubleshooting• Practical Public English Speaking Skills
Course Duration	60 Hours
Course Fees	Free * (Rs 9100)

(H) CISCO IT Essentials

Program Name	CISCO IT Essentials
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)

Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Introduction to PCs • Lab Procedure and Tools Used • Computer Assemble • Overview of Preventive Maintenance • Operating Systems • Networks • Laptops • Mobile Devices • Printers • Security • Advanced Troubleshooting • Practical Public English Speaking Skills
Course Duration	90 Hours
Course Fees	Free * (Rs 7000)

(J) TALLY, ERP 9

Program Name	TALLY, ERP 9
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Introduction to Tally • Usage of Tally • Usage of ERP for office applications • Practical Demonstration • Practical Public English Speaking Skills
Course Duration	60 Hours
Course Fees	Free * (Rs 6100)

(K) Introduction to Embedded Systems and 8051 Microcontrollers

Program Name	Introduction to Embedded Systems and 8051 Microcontrollers
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Introduction to Embedded Systems and 8051 Microcontrollers • Trouble shooting • Practical • Practical Public English Speaking Skills
Course Duration	80 Hours
Course Fees	Free * (Rs 6800)

(L) Embedded Programming and Introduction to 8/18/32 bit Microcontroller

Program Name	Embedded Programming and Introduction to 8/18/32 bit Microcontroller
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Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Embedded Programming and Introduction to 8/18/32 bit Microcontroller • Trouble Shooting • Practical • Practical Public English Speaking Skills
Course Duration	90 Hours
Course Fees	Free * (Rs 15400)

(M) Embedded Real Time Operating System (RTOS)

Program Name	Embedded Real Time Operating System (RTOS)
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Embedded Real Time Operating System (RTOS) • Applications • Practical • Practical Public English Speaking Skills
Course Duration	60 Hours
Course Fees	Free * (Rs 8900)

(N) Shielded Metal Arc Welding (Basic)

Program Name	Shielded Metal Arc Welding (Basic)
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Welding Safety • Introduction to welding and allied process • Basic electricity applied to welding • SMAW theory • Welding Symbols • Welding defects • Inspection of welds • SMAW Welding Techniques • Estimation and Costing • Practical Public English Speaking Skills
Course Duration	400 Hours
Course Fees	Free * (Rs 14000)

(P) Gas Tungsten Arc Welding (Basic)

Program Name	Gas Tungsten Arc Welding (Basic)
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Welding Safety • Introduction to welding and allied process • Basic electricity applied to welding • GTAW theory • Welding Symbols • Welding defects • Inspection of welds • GTAW Welding Techniques • Estimation and Costing • Practical Public English Speaking Skills
Course Duration	180 Hours
Course Fees	Free * (Rs 9900)

(Q) Gas Metal Arc Welding (Basic)

Program Name	Gas Metal Arc Welding (Basic)
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this program, participants will be able to clearly understand : <ul style="list-style-type: none"> • Welding Safety • Introduction to Welding and Allied Process • Basic electricity applied to welding • GMAW-Theory • Welding Symbols • Welding Defects • Inspection of welds • GMAW welding techniques • Estimation and Costing • GMAW Practical Exercises • Practical Public English Speaking Skills
Course Duration	180 Hours
Course Fees	Free * (Rs 9900)

(R) Pipe Welding

Program Name	Pipe Welding
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	After completing this programme, participants will be able to clearly understand :

	<ul style="list-style-type: none"> • Pipe Specifications, Pipe Position and Pipe Cutting • Method of Pipe Welding, Methods of Root Pass • Welding Defects and Post Weld Operations • Various Pipe Welding Positions • Pipe Joint Preparation • Pipe Welding Rods • Inspection of Welds (Destructive and NDT) • Estimation and Costing • Practical • Practical Public English Speaking Skills
Course Duration	180 Hours
Course Fees	Free * (Rs 9900)

(S) CNC Programming and Operation – Turning and Milling

Program Name	Gas Tungsten Arc Welding (Basic)
Pre-Requisites for Training	ITI Fitter, Turner, Diploma (Mech)
Training Outcome	<p>After completing this programme, participants will be able to clearly understand :</p> <ul style="list-style-type: none"> • Introduction to CNC Machines • Advantages and Disadvantages of CNC • Coordinate Systems • Cutting Parameters • CNC Tool Selection • Part Programming – Turning • Part Programming – Milling • Canned Cycle – Turning and Milling • Practical Demonstrations • Practical Public English Speaking Skills
Course Duration	160 Hours
Course Fees	Free * (Rs 10000)

(T) Volkswagen Group – Service Advisor (Talent Program)

Program Name	Volkswagen Group – Service Advisor (Talent Program)
Pre-Requisites for Training	Preferably equivalent to Graduate (any stream)
Training Outcome	<p>After completing this programme, participants will be able to clearly understand :</p> <ul style="list-style-type: none"> • Classroom Session • Hands on Practical Session • Group Discussion and Role Play • Dealer Visit and Case Studies • Practical Public English Speaking Skills
Course Duration	153 Hours
Course Fees	Free * (Rs 9900)

Teaching Methodology

All the aforesaid courses will be conducted on a 70-30 principle, with 70% of the time devoted for practical based training and 30% of time devoted for theoretical training.

Life-Long Learning

The course material will be delivered to the trainees as 3D animated flip ebook, which will enable life long learning for the trainees.

Roadway Ahead

With the aforesaid concepts, the following 02 models are suggested :

- (a) **Tie-up with Educational Institutions / Industries** : RS College of Management and Science intends to enter into an MoU with any educational institution / Industry and intends to introduce 'Skill based ' subject as part of regular course curriculum. This will ensure that the students are job ready at the end of their regular course.

- (b) **Conduct of Skill Based courses** : RS College of Management and Science intends to conduct either at the clients premises or at our campus at Bangalore, Skill Based courses.

Fee Waiver

Fee Waiver of 75 % of course fees for SC/ST students