



JOGESHWARI EDUCATION SOCIETY'S
COLLEGE OF COMMERCE SCIENCE & INFORMATION TECHNOLOGY

(AFFILIATED TO UNIVERSITY OF MUMBAI)

JES Education Complex, Caves Road, Arvind Gandbhir Campus, Jogeshwari (East), Mumbai - 400 060.

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List of Documents – Railway Kaushal Vikas Yojana (Circular, Brochure, Syllabus Covered, Attendance Sheet)		
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Notice for the Application of "Rail Kaushal Vikas Yojana"
Training Programme under 'Pradhan Mantri Kaushal Vikas Yojana'

For the Training in Month of May '2023

Notification No.: RKVY/23/04 Date: 07.04.2023

Ministry of Railways is organising a short-term training programme at nominated Training Centres at all India level for youth under Rail Kaushal Vikas Yojana. This program is entry level skill development training program in various trades i.e. AC Mechanic, Carpenter, CNSS (Communication Network & Surveillance System), Computer Basics, Concreting, Electrical, Electronics & Instrumentation, Fitters, Instrument Mechanic (Electrical & Electronics), Machinist, Refrigeration & AC, Technician Mechatronics, Track laying, Welding, Bar Bending and Basics of IT, S&T in Indian Railway. This training will help candidates in getting an employment and becoming self-employed too.

1. Eligibility:

10th pass, Age 18 - 35 on date of notification.

2. Selection method

The percentage marks in 10th class will be basis of merit for selection. As per formula given by CBSE, multiply CGPA with 9.5 to convert CGPA into percentage.

3. Application:

Online at www.railkvy.indianrailways.gov.in website from 07.04.2023 (00:00 hrs). Candidate may obtain help in ONLINE submission by same Training Institute in prescribed time. **OFFLINE FORM SHALL NOT BE ENTERTAINED.** Application is **TRADE WISE** based on candidates **PREFERENCE.**

4. Job:

Candidates imparted training under 'Rail Kaushal Vikas Yojana' will have **NO CLAIM** to seek employment on railways on the basis of such training.

5. Reservation:

There is no reservation.

6. Attendance:

75% compulsory

7. Duration of course:

3 weeks (18 Days)

8. Pass criteria:

55% in written, 60% in practical

9. Other details:

- i. Training will be provided free of cost but candidate will have to make their own arrangements for fooding and lodging.
- ii. No allowance like daily allowance /conveyance allowance or travelling allowance etc. will be paid to the trainee.
- iii. Training only in daytime.
- iv. Candidate shall be required to give an affidavit (Notarized affidavit with a non-judicial stamp of Rs.10) about following rules, discipline safety guidance as issued by Institute and will not make any claim on employment etc.



10. Instructions for Online submission of application form

- i. All candidates shall fill up the required information in the online form. *There is no need to upload any document Online. Application Window shall be opened for 07.04.2023 (00:00 hrs.) to 20.04.2023 (23:59 hrs.) (14 days).*
- ii. At 21.04.2023 (12:30 PM), automatic list of shortlisted & waitlisted candidates for each trade shall be generated based on merit. Information to candidate shall be sent by email & SMS.
- iii. Selected candidates must produce the original documents (Matric / 10th mark sheet / certificate, photo ID, notarized affidavit, medical certificate) for verification during reporting for training at concerned training institute otherwise he/she will be barred from training. The scanned copies of said documents of accepted candidates will be uploaded on Website by training institutes.

11. Documents required after reporting of Trainees at institute:

- i. Photograph and signature.
- ii. Matriculation mark sheet
- iii. Matriculation certificate (In case of D.O.B not mentioned on mark sheet).
- iv. Photo identity proof such as Aadhar card, Bank passbook, Ration card, Pan Card.
- v. Affidavit on Rs. 10/- Non- Judicial Stamp Paper.
- vi. Medical Certificate

12. Medical fitness:

Candidates should be medically fit to undergo training. Candidate will be required to submit fitness certificate form a registered MBBS doctor, certifying that candidate is fit to undergo training in industrial environment and is fit with respect to visible/ hearing / mental condition and not suffering from any communicable disease.

13. Stipend:

Railway administration will not be liable to pay any stipend to the trainees.

14. Training of the selected candidates will be started as scheduled by training Institutes, which they can see at the time of applying.
15. Trainees will attend the training regularly as per schedule of training institute.
16. Trainees will not be entitled for any kind of Pass / PTO from training institute.
17. Trainees will be liable to compensate for any loss or damage to equipments / fittings that may be caused by him / her during the course of training to the Institute.
18. Trainees will not be treated as employee of IR and will not be entitled to any compensation for any accident / causality to trainees or his/her property.
19. Trainees will be under administrative control and discipline of the training institute during training and will follow the rules and bylaws of Training Centre. The trainees will be terminated by training centre administration for violation of above instructions.
20. This is to be well known to trainees that Institute administration reserves right to postpone / prepone / curtail / cancel the RKVY training at any point of time.
21. Trainees will follow COVID-19 containment rules and all the guidelines issued by MoHFW / District administration.

Please visit Website www.railkvy.indianrailways.gov.in for further information please.



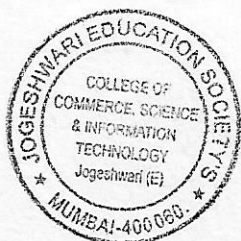
SYLLABUS OF TRAINING OF RAILWAY KAUSHAL VIKAS YOJANA

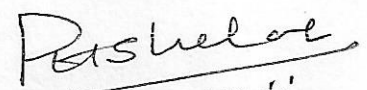
Trades Details Summary

Trade Name	Description	Duration (Days)
Electronics & Instrumentation	To give Technical Training in Electronics & Instrumentation trade	18

Theory (Electronics & Instrumentation)

Topic	Keylearning Outcomes	Equipment Required	Duration
Registration of participants	*Self-declaration of Covid-19 measures guidelines *Participants Profile. *Describe the role of an Electronics Technician.	White Board	2.0
Material Handling	Movement of Raw Material. Movement of Finished Material. Waste Segregation. Cleanliness. Stacking.	Audio-Video	2.0
Electronics safety & Knowledge about PPEs	What is Safety? Awareness about General Safety. Electronics Safety. Use of PPEs. Advantages of Safety. Do's & Don'ts.	Power Presentations	2.0
Introduction of Electrical terms	Basic terms such as electric charges, Potential difference, Voltage, Current, Resistance. Basics of AC & DC. Various terms such as +ve cycle, -ve cycle, Frequency, Time period. Insulators, conductors and semiconductor properties.	Power Presentations	2.0
Introduction of Electronics	Brief about Electronics Trade. Introduction of Electronics. Basic Knowledge of Electronics. Important Symbols used in Electronics. Knowledge of general Electronics Instruments. Knowledge about Resistance, Inductance & Capacitance	Power Presentations	1.0
Passive Elements	Resistors; types of resistors, specific use, color-coding. Equivalent Resistance of series parallel circuits. Principles of induction, inductive reactance. Types of inductors, applications and energy storage concept. Capacitance and Capacitive Reactance, Impedance. Types of capacitors, applications. Dielectric constant. Significance of Series parallel connection of capacitors.	Power Point Presentations	2.0
Semiconductors and applications	Semiconductor materials. PN Junction, Forward and Reverse biasing of diodes. Different diodes, Rectifier configurations, Filter components and their role in reducing ripple. Working principles of Zener diode, varactor diode, their applications. Working and application of LED, IR LEDs, Photo diode, photo transistor, their applications.	Power Point Presentations	3.0
Power supply	Regulated Power supply using 78XX series, 79XX series. Op-amp regulator, 723 regulator, (Transistorized & IC based). Voltage regulation.	Power Point Presentations	1:30
Transistors and its applications	Construction, working of a PNP and NPN Transistors, purpose of E, B & C Terminals. Need for Biasing of Transistor. Different types of biasing, various configurations of transistor (C-B, C-E & C-C), their characteristics and applications. Transistor applications as switch and amplifier. Construction of FET & JFET, difference with BJT.	Power Point Presentations	3.0
Operation Amplifier	Block diagram and Working of Op-Amp, importance, advantages and applications. Schematic diagram of 741, symbol.	Power Point Presentations	2.0
Digital electronics	Introduction to Digital Electronics. Difference between analog and digital signals. Number systems (Decimal, binary, octal, Hexadecimal). Various Logic Gates and their truth tables.	Power Presentations	3.0
Instrumentation	Introduction to electrical and electronic measuring instruments. Basic principle and parts of simple meters. MC and MI meters. Range extension, need of calibration. Characteristics of meters and errors in meters. Multi meter, use of meters in different circuits. Use of CRO, Function generator, LCR meter	Power Point Presentations	3:30
Valedictory	Work Ethics. Personal Financial Planning. Health.	Power Point Presentations, White Board	2.0
Effective Communication	Subordinates. Peers. Superiors. Customers.	Audio-Video	3.0
First Aid	Electrocution Cut. Bleeding. Faint. Bandage. Resuscitation. * Ambulance.	Audio-Video	2.0

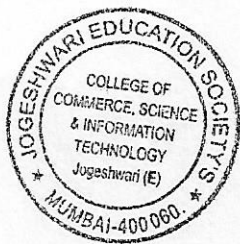


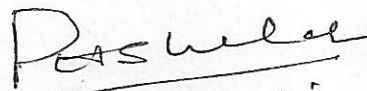

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REPORT OF RAILWAY KAUSHAL VIKAS YOJANA ATTENDED AND COMPLETED BY JOGESHWARI EDUCATION SOCIETY'S COLLEGE OF COMMERCE SCIENCE AND INFORMATION TECHNOLOGY

This Program is an entry level Skill Development Training Program in various trades i.e. AC Mechanic, Carpenter, CNSS, Computer Basics etc. This training helps candidates in getting an employment and becoming self employed too. It is introduced by Indian Government. The Ministry of Railways took up the responsibility of organizing this Rail Kaushal Vikas Yojana under which 50,000 young people got instructions under the training.

The training program was for 100 hours. The dates were 8th May to 27th May 2023. 16 students of B.Sc. IT registered under this training program from which 9 students completed the training and were awarded the certificate.

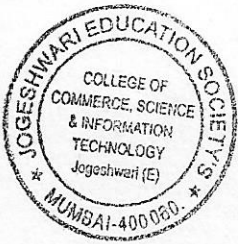



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**LIST OF STUDENTS WHO SUCCESSFULLY COMPLETED TRAINING
OF RAILWAY KAUSHAL VIKAS YOJANA**

(8th May to 27th May 2023)

1. Sayyad Bilal
2. Bhima Dasur
3. Atharva Jaitapkar
4. Bhushan Parab
5. Kartik Chandoskar
6. Vishal Jathar
7. Bhanu Yadav
8. Shejal Yadav
9. Vaishnavi Kadam



P. S. Shelar
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Attendance of Railway Kaushal Vikas Yojana Program																			
Sr. No.	Name	08-05-2023	09-05-2023	10-05-2023	11-05-2023	12-05-2023	13-05-2023	15-05-2023	16-05-2023	17-05-2023	18-05-2023	19-05-2023	20-05-2023	22-05-2023	23-05-2023	24-05-2023	25-05-2023	26-05-2023	27-05-2023
1	Sayyad Bilal	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
2	Bhima Dasur	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Atharva Jaitapkar	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
4	Bhushan Parab	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
5	Kartik Chandoskar	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
6	Vishal Jathar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Bhanu Yadav	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
8	Shejal Yadav	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
9	Vaishnavi Kadam	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P

R. Shelal