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South Central Railway

Office of the Divl. Railway Manager,
Personnel Branch, 4th Floor,
Sanchalan Bhavan, Secunderabad.

No.SCR/P-SC/210(a)/N.10/S&T /JE/Signal(PRQ)

Date: 09-06-2016

Sr.DSTE./Co-ord/SC,Sr.DSTE/Signal/SC,Principal/STTC/MLY,Dy.CSTE/P/SC,
Dy.CSTE/Con/SC.All SSE/SE's of S&T department of SC division.

NOTIFICATION

Sub: Formation of panel for filling up the post of Junior Engineer/Signal in PB-2 Rs.9300-34800 with Grade Pay of Rs.4200/- against 40% Promotional quota in S&T department of Secunderabad Division – Reg

1. It is proposed to form a panel for filling up of Nineteen vacancies of Junior Engineer/Signal (**including construction/RE**) in Pay Band-2 Rs.9300-34800 with Grade Pay of Rs.4200 against 40% Promotional quota in S&T department of SC division. The communal break-up of vacancies is as detailed below.

Category	UR	SC	ST	Total
JE	14	03	02	19

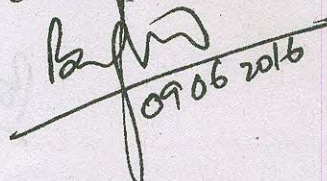
2. **Eligibility and Service conditions of staff:**

The list of senior most eligible staff working as Sr.Technicians/Signal Maintainers in PB-2 Rs 9300-34800 with Grade Pay Rs 4200/- and who are in the normal zone of consideration in the ratio of 1:3 as per on their seniority is enclosed as **Annexure – I**.

As per the Serial Circular No. 20/2014 when adequate number of eligible Sr.Technicians/Signal Maintainers are not available, then the Tech-I (GP Rs 2800) who had completed two years of regular service may be made eligible for considering in the zone of consideration to the post of JE (GP Rs4200) against promotional quota.

A stand-by list of employees for selection is enclosed as **Annexure-II**. It is advised that these employees shall only 1 be included in the main list enabling them to appear for the written examination if any of the employee in the main list of **Annexure-I** express his /her unconditional unwillingness to appear for the selection on or before the cut-off date i.e. 17-06-2016. If no unwillingness is received on or before the cut of date, the employees in Annexure-I , only shall be considered for appearing for the written exam.

- (1) The application for this selection is subject to , the condition that if placed in the Panel, the employee should be prepared to work anywhere on Secunderabad Division of S.C.Railway.
- (2) And, Further their promotion is subject to their being fit in AYE THREE (A.3) Medical Classification and mere placing in the panel shall not be a prospective right for promotion.


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3. Mode of Selection:

In terms of Railway Board's Lr.No.E (NG) I/2000/PM1/41, dated 20-08-2003, S.C.N.144/2003, the positive act of selection to assess the professional ability of the candidate shall consist of written test. The candidate has to obtain a minimum of 60% marks in professional ability, i.e in written examination, for being considered for further selection process i.e. perusal of service record & APARS. The post of Junior Engineer being classified as "Safety Category post" there is no relaxation in qualifying marks to employees belonging to the category of SC/ST and hence they are also required to secure 60% marks in the written examination.

4. Syllabus:

The Syllabus prescribed for selection to the post of Junior Engineer (Signal) in S&T department of SC division against 40% Promotional quota is enclosed as **Annexure-'III'**

5. Procedure for written examination:

In terms of Railway Board's Lr.No.E (NG)I-2006/PM1/18,dated 30.08.2006, CPO/SC's S.C.No.142/2006, the written examination consists of objective as well as narrative & subjective questions. There will be no negative marks for objective questions. The objective type of questions will be for about 50% (in the range of 45% to 55%) of the total marks for the written test. Correction to the answers for the objective type questions will not be evaluated. Such as,

- f) Cutting,
- g) Overwriting,
- h) Erasing,
- i) Scoring off a ticked answer in multiple-choice and ticking another answer, and
- j) Modifying the answer in any way

The questions on official language will form part of the professional ability for 10% of total marks. The questions on official language policy are compulsory but there shall not be any compulsion on the part of the candidates to answer such questions. (CPO/SC's S.C.No.47/96,)

The question paper for written test held as part of selection should be to test the ability of the candidates to tackle the practical problems and will be on practical basis. However, the candidates will also be tested on theoretical knowledge where ever required. (Railway Board's Lr.No.E (NG) I-2004/PM1/25, dated 21.09.2004, CPO/SC's S.C.No.180/2004)

6. Supplementary Written Examination:

A supplementary examination will be held to the employees who had remained absent from the main examination due to 1) Administration's failure to relieve the employees in time for examination 2) Late intimation of the dates of test or 3) Sickness of the candidate or other reason over which the employee has no control. Sickness should be covered by a certificate from the Railway Medical Officer.

Note: Unavoidable absence will not, however, include absence to attend wedding or similar function or absence for events over which on the employee has control.

7. Pre-Selection Coaching:

In terms of instructions contained in Railway Board's Lr.No88-E(SCT)I/42/2, dated 8/11.01.1991.,CPO/SC's S.C.No73/91, pre-selection/pre-promotion training to SC/ST employees is to be conducted covering the syllabus of the examination for selection to Safety category post and will be imparted for a period of 3 to 4 weeks. After completion of the pre-selection coaching, a certificate has to be issued by the controlling officer to the effect that all the eligible SC/ST employees have been imparted pre-selection coaching for a period of 3 to 4 weeks covering the syllabus prescribed for the examination. In case if any employee expressed his unwillingness for pre-selection coaching a written declaration to that effect may be obtained and forwarded to this office for record.

8. Question Bank:

In terms of Railway Board's Lr.No.E (NG) I-2006/PM1/34, dated 06.11.2006,CPO/SC's S.C.No.196/2006, updated Question banks covering the complete syllabus will be provided to the staff concerned or the same can be downloaded from the official website of www.scr.inindianrailways.gov.in. It is further advised that there will not be any mandatory limit of questions from the question banks. The controlling officer/supervisor has to ensure that the question bank is circulated to all the eligible staff and postponement of selection due to non-circulation of question banks will be viewed seriously.

The answers to the objective questions should be updated with latest instructions/ amendments/modifications issued by the Railway Board/Hqrs.

9. Important dates:

17-06-2016	Tentative Pre-selection Coaching classes
14-07-2016	Tentative Written Examination date
28-07-2016	Supplimentary Written Examination tentatively, if required

It is to be advised to the staff listed in Annexure-I & II that they should be in readiness to appear for the examination on the dates indicated above.

The venue and time of examination will be intimated separately.

10. Procedure for drawal of Panel:

The names of the selected candidates will be arranged in the order of seniority but those securing a total of 80% or more marks in the aggregate will be classified as "Outstanding" and placed in the panel appropriately in order of their seniority allowing them to supersede not more than 50% of total employees in the zone of consideration.

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11. Additional Information for guidance to the Staff:

The following factors would be taken in to account by the Selection Board for selection and their relative weightage are as under:

Sl.No	Factors/Heading	Maximum Marks	Qualifying Marks(Min)
1.	Professional ability/ Written exam	50	30
2.	Record of Service	30	--
3.	Seniority	20	--
Total			60

The assessment under "Professional Ability" will be based on the marks secured by the individual employee in the written examination held as part of Selection.

The "Record of Service" will be assessed as per the entries available in the Service Register/Personal records with respect to the educational qualifications, awards and punishments and based on the gradings reported in the APARs/ACRs and their break-up is as under:

a) For Service Register :-

10 marks (Max. marks)

(i)	Without any adverse entry	06 marks
(ii)	For each individual Railway Week cash award at the Divn./Unit level during the preceding 3 years	(+) 02 marks
(iii)	For each individual Railway Week cash award at the HOD level during the preceding 3 years	(+) 03 marks
(iv)	For each individual Railway Week cash award at the General Manager/Rly Board level during the preceding 3 years	(+) 04 marks
(v)	For each minor penalty during the preceding 3 years	(-) 01 marks
(vi)	For each major penalty during the preceding 3 years	(-) 02 marks

b) Academic/Technical Qualification: - - 05 marks (Max. marks)

c) Marks for APAR/ ACR gradings during the last three years -
15 marks (Max. marks)

d) Seniority - 20 marks: The senior-most employee will be allotted 20 marks and the junior-most employee will be awarded minimum 12 marks. The difference 8(Eight) marks will be proportionately divided and corrected upto the first decimal between the remaining qualified employees.

12. Notifying this notification to the staff:

In terms of Railway Board's Lr.No.E(NG)I-72/PM1/166, dated 26.06.1972, CPO/SC's S.C.No.213/72, the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified of the holding of

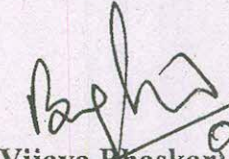
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the test and advised to submit their applications giving willingness or otherwise in writing" and forward the same to Sr.DPO/SC. It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible employees. In case of non receipt of any communication the same may be obtained from the Personnel department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.

With regard to willingness, if no unwilling letter is received from the employee concerned before the due date, it shall be presumed that he/she is willing to appear for the selection.

The unwillingness, if any, received from the employees is to be forwarded to the undersigned on or before 17-06-2016. If the employees in the Annexure-I express unwillingness for the above selection the next eligible employees indicated in the stand-by list (Annexure-II) will be considered. Further the unwillingness submitted after this date will not be accepted and they will reckoned as willing for selection and hence no additional persons from the Annexure-II will be called for the selection.

The above notification may be circulated to all the concerned.


(Ch.V.Vijaya Bhaskar)

APD/Engg./SC

for Divl.Railway Manager/P/SC

C/-Sr.DSTE/CO-ord/SC: It is requested to kindly arrange to make available DAR/SPE/Vig clearance in favour of the employees listed in Annexure-I & II.

Dy.CSTE/Con/SC, Dy.CSTE/Proj/SC: DY.CSTE/PRS/SC It is requested to kindly arrange to make available DAR/SPE/Vig clearance in favour of the employees Concerned.

C/-Ch.OS/Confidential Section:

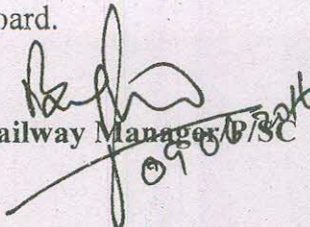
It is requested to arrange to make available the APARs/ACRs of all the employees listed in Annexure-I & II in readiness in all respects for the period ending 2012-13, 2013-14, 2014-15. It is also advised to furnish a certificate that all the remarks were communicated keeping in view of the Railway Board's instructions contained in Lr.No.E(NG)I-2009/CR/2, dated 30.04.2010, CPO/SC's S.C.No.77/2010.

Ch.OS/S&T/Bills Section:

It is requested to keep the Service Records and Personal Records duly updated making entries related to the awards/punishments/increments/Qualifications

OS/Selection cell : for information and necessary action Notice Board.

SDGM/V/SC for information and necessary action


for Divl.Railway Manager/P/SC

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ANNEXURE-I

List of employees of Sr.Technicians/ Signal Mainitners in PB-2 Rs. 9300-34800 with GP 4200 in the field of eligibility to appear for selection for promotion to the post of Junior Engineer in PB-2 Rs. 9300-34800 with GP 4200 - against 40% departmental quota in S&T department.

Sl.No	Name	PF.No	Comm nity	Designation	Station
1	S. GHATIKACHALAM	01976914	UR	Sr.Tech/SM	SNF
2	N. VIJAY KUMAR	01975559	UR	Sr.Tech/SM	SNF
3	S. VIJAY KUMAR	13501215	UR	Sr.Tech/SM	LGD
4	M. SURYA NARAYANA	03362000	UR	Sr.Tech/SM	LPI
5	M. VIJAY KUMAR	03364574	ST	Sr.Tech/SM	SSPD
6	N.V. CHANDRASHEKAR	11702473	UR	Sr.Tech/SM	RRI/SC
7	K. RAMPRASAD	03366455	UR	Sr.Tech/SM	STTC/MLY
8	M. RAMANUJAM	03361998	SC	Sr.Tech/SM	Dy.CSTE/RE/P/SC
9	R.V. RAVINDRA PRASAD	90332726	UR	Sr.Tech/SM	RRI/SC
10	MD. NAZEER AHAMED	03375146	UR	Sr.Tech/SM	SKP
11	K. PRAKASH RAO	01979322	UR	Sr.Tech/SM	KZJ/F
12	P. MOHAN	03361974	UR	Sr.Tech/SM	BIDAR
13	S.N. BABU RAO	01985632	SC	Sr.Tech/SM	KZJ/F
14	P. NARAYANA PILLAI	03375419	UR	Sr.Tech/SM	MLY
15	M. RAMAKRISHNA	90332738	UR	Sr.Tech/SM	HYB
16	B.R.S.N. PRASAD	03376900	UR	Sr.Tech/SM	HYB
17	Sk. BADEMIYYA	03360647	UR	Sr.Tech/SM	KMT
18	Md. ISMAIL	03360714	UR	Sr.Tech/SM	ZB
19	MAHESH KUMAR	03376205	UR	Sr.Tech/SM	HSJ
20	G.B. SRINIVAS	03376503	UR	Sr.Tech/SM	SW/SC
21	A. SRINIVAS	03376539	UR	Sr.Tech/SM	HFZ
22	CH. SHYAM KUMAR	03366467	SC	Sr.Tech/SM	CHZ
23	D. SAMMAIAH	03376710	UR	Sr.Tech/SM	KZJ/F
24	P. NARASIMHUDU	03376758	UR	Sr.Tech/SM	SC/RRI

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Sl.No	Name	PF.No	Communi ty	Designation	Station
25	V. RAVI PRASAD	11700762	UR	Sr.Tech/SM	SC/RRI
26	HABEEBUL RAHMAN	05582600	UR	Sr.Tech/SM	HSJ
27	AMBALA MONAIAH	04583565	SC	Sr.Tech/SM	MABD
28	N.Suresh	09361030	UR	Sr.Tech/SM	KZJ
29	S.GHOUSE MOHINUDDIN	03376333	UR	Sr.Tech/SM	HYB
30	N.R. NARSING RAJU	03358980	UR	Sr.Tech/SM	CN/SC
31	B.YADAGIRI	03349238	UR	Sr.Tech/SM	HSP
32	V.VISHNU MURTHY	03362395	UR	Sr.Tech/SM	PDPL
33	S.INDRASENA	03364665	UR	Sr.Tech/SM	LA
34	G.RAVI KUMAR	03358471	UR	Sr.Tech/SM	RRI/SC
35	C.RAJASHEKHAR KURUP	03358483	UR	Sr.Tech/SM	Proj/SC
36	M.YADI REDDY	03358446	UR	Sr.Tech/SM	BN
37	KURIAN THOMAS	03364940	UR	Sr.Tech/SM	SC/RRI
38	K VIJAY BHASKER REDDY	11701675	UR	Sr.Tech/SM	SNF
39	K NARENDER GOUD	11701640	UR	Sr.Tech/SM	TDU
40	N.K.P.SHARMA	03375031	UR	Sr.Tech/SM	AMQ
41	CH YESU PRASAD	03376035	UR	Sr.Tech/SM	Proj/SC
42	D.POLLIAIAH	03364756	ST	Sr.Tech/SM	MDR
43	S.VENKATA RAMULU	03364537	ST	Sr.Tech/SM	BDCR
44	K RAJ KUMAR	11701286	ST	Sr.Tech/SM	SC/RRI
45	BAIJU SOREN	11701304	ST	Sr.Tech/SM	KZJ/RRI
46	M.MURALI	11700543	SC	Sr.Tech/SM	Test Room
47	V.DEVENDER	03362413	SC	Sr.Tech/SM	KZJ/RRI
48	BALRAM MEENA	IE070977	ST	Sr.Tech/SM	PTKP
49	K.MURALI KRISHNA	11701237	SC	Sr.Tech/SM	LGD
50	D.SWAMY	03360829	SC	Sr.Tech/SM	SW/SC

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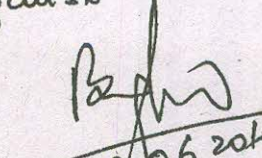
Sl.No	Name	PF.No	Community	Designation	Station
51	P.DAYANAND	03364744	SC	Sr.Tech/SM	CHZ
52	NEMICHAND MEENA	IE070997	ST	Sr.Tech/SM	SRUR
53	Rajkumar Chowdary	11702503	SC	Sr.Tech/SM	SKZR
54	NIZA SWAROOP KUMAR	IE060226	SC	Tech-I/SM	MCI
55	G.VARA KUMAR	IE060145	SC	Tech-I/SM	ZN
56	SUNIL KUMAR	IE080105	SC	Tech-I/SM	DKJ
57	V.PANDYA	11700087	ST	Tech-I/SM	VKB

ANNEXURE-I

Standby

Sl.No	Name	PF.No	Community	Designation	Station
1	INJA DANIEL	03376540	UR	Sr.Tech/SM	RDM
2	N T VISHNU PRASAD	03376722	UR	Sr.Tech/SM	ZRTI/MLY
3	G NAGA SRINIVASU	03376734	UR	Sr.Tech/SM	MLY
4	RAVINDRA KUMAR	IE070967	SC	Tech-I/SM	BPA
5	A.MOSHE DANIEL	03376000	SC	Tech-I/SM	PNDP
6	M.SAMMAIAH	09884889	ST	Tech-I/SM	KDM
7	B.RAJA GOPAL NAIK	IE050575	ST	Tech-I/SM	CT

Shri J. Nageswaroop Kumar is not alerted for the written examination in the Annexure I, Since his caste status is under verification. If the caste status is found genuine then he shall be placed at Sl No 53(A) i.e below Raj Kumar Chowdary (SC) against SC


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Syllabus for Selection to the Post of JE Gr.II/Signal 20% LDCB Quota and 40% Promotional Quota.

- 1) Signalling & Interlocking:-
 - a) Principles of Interlocking as per SEM.
 - b) Preparation of signaling plans and numbering MACLS, PI Lay outs.
 - c) Preparation of inter cabin slotting.
 - d) Signal control circuits for MACLS including PI British type both route setting and non-route setting.
- 2) Electrical Signalling:-
 - a) Relays of various types used in SC Railway.
 - b) DC track circuits & their components, initial adjustments, insulating of points & cross overs, etc. Preparation of track bonding diagrams for different lay outs. (Series, parallel, series parallel)
 - c) Electric point machines, universal and Siemens type and their working control and detection circuits, various checks to be carried out and measurements to be taken during maintenance.
 - d) Colour light signalling, cutting in arrangement, Red lamp protection, various signalling lamps in signaling.
 - e) Automatic signalling & basic principles and circuitry.
 - f) Electric key transmitter and its wiring.
 - g) Cables - various cables used in signalling, parameters of cable, length of parallelism in RE area.
 - h) Earthing: Various types of earths used in signalling, measurements of earth value, maintenance free earth & ring earth.
 - i) Various transformers, rectifiers DC-DC converters used in signaling.
 - j) IPS - Components of various modules for way side stations - Periodical checkings to be done.
 - k) Secondary cells (LMLA) initial charging, deciding of capacity of charger based on cells, Telecom application chargers used in signaling.
 - l) Solar photo type cells and solar panels.
 - m) Generators.
 - n) Axle counters: Universal working block diagram, various cards available in the evaluator and their description and function of each card - Adjustment & readings.
- 3) Block Signalling:
 - a) Push type button, tokenless block instruments, PTJ type, Nomenclature of relays, working principles of various codes transmitted and received.
 - b) Single line Daido type instrument, frequencies used in transmitting and receiving codes, general working.
 - c) SGE double line block instrument, lock and block circuit and LSS control circuit, 'Dos & Dents', Automatic block signalling, circuits.
 - d) IBS working principles
 - e) BPAC

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Signalling in General:-

- a) Location of signals various types of signals and their use,
- b) Working of siding taking off from loopline, working of siding taking off from mid block section.
- c) Classification of LC gates, rules for working of trolley, duties of maintenance of signal supervisors,
- d) Foot plate inspections & Joint foot plate inspections.
- e) Signal failure investigations, reports and up-keep of data
- f) Procedure in connection with opening of new works.

Stores:-

- a) Imprest stores
- b) Consumable stores
- c) Dead stock & T&P maintenance & DMTR
- d) Written off stores and custody.
- e) Stock verification & theft of stores.

Establishment Matters:-

- a) Work man compensation act
- b) HOER
- c) DAR major penalties & Minor penalties.
- d) Various types of leave rules, Pass rules and other welfare measures.

Official Language (Raj Basha)

- a) a, b & c regions, various incentives issued for implementation of Raj Basha
- b) Equivalent words in Raj Basha for certain words in English.
- c) Usage of Raj Basha in official correspondence.

Modern Railway Signalling:-

- a) Electronic interlocking - various types used in SC Rly & their salient features.
- b) IPS,
- c) Data loggers
- d) BPAC & SS-DAK
- f) LED signals

G&SR:

- a) Absolute block working, Automatic block working, Signals in generation, Location of various signals
- b) Working of trains during total failure of communication
- c) Standard schedule of dimensions - 2004
- d) Infringements - Maintenance of infringements records.