



INDIRA GANDHI INSTITUTE OF TECHNOLOGY: SARANG,DHENKANAL( ODISHA) -759146  
(An Autonomous Institution of Govt. of Odisha)

No.IGIT/Estt- 442

Dated:-28.03.2017

NOTICE

WRITTEN TEST for screening the applicants to appear the interview for Selection to the post of Assistant Professors vide Advertisement No.01/2015 dated-19.05.2015 and Corrigendum No.IGIT/Estt-1559 dated-16.10.2015

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A Written test will be conducted on 23<sup>rd</sup> April-2017 (Sunday) from 3.00 P.M. to 4.00 P.M. at INDIRA GANDHI INSTITUTE OF TECHNOLOGY,SARANG for screening the applicants to appear the interview for the post of Asst. Professor in Civil Engg., Electrical Engg., Mechanical Engg., Chemical Engg., Metallurgical & Materials Engg., Production Engg., Physics, Chemistry, Economics and Management.

All the candidates called for the written test have to report at the institute on 23<sup>rd</sup> April-2017 one hour before commencement of Examination. For further details including syllabus, please refer to Institute website [www.igitsarang.ac.in](http://www.igitsarang.ac.in). However, conditionally qualified candidates (details in the website) have to report at 10.00 A.M. for verification of required documents starting from Class 10<sup>th</sup> onwards before written test. The conditionally qualified candidates found successful after document verification and satisfying the minimum eligibility criteria will be allowed to appear the written test for screening. All the candidates are required to show their own photo identity proof on demand such as Aadhaar Card/ PAN card/Driving License / Voter ID card/ any photo ID card issued by present employer or institution in favour of them.

The candidates must satisfy the age criterion and must have acquired their minimum eligibility qualification on or before the closing date of application (i.e.22<sup>nd</sup> June-2015) as per the above mentioned advertisement and Corrigendum.

The Written test will be of multiple choice type questions (MCQ) consisting of 50 questions in respective subject / syllabus of one hour duration with full marks of 100.

The Institute will not be held responsible for postal delay or change in address of the applicant, if any. The eligible candidates as per the list available in the website who have not received the call letter are advised to collect the duplicate Call Letter from the office on production of photo Identity Card. Details will be available in the website shortly.

Sd/-  
REGISTRAR

Memo No.IGIT/Estt/Rectt./ 443

Date: 28.03.2017

1. Copy forwarded toM/s Akar Advertising & Marketing Pvt. Ltd. Plot No. M-5/7, Acharya Vihar,Bhubaneswar-751013 with a request to publish the above issue in The Samaj, The Sambad, all Odisha edition & Times of India in one issue.,
2. Dr.S.Sethi, Asst. Professor & Prof. in-charge, Institute Website for kind information. He is requested to make it to display in the Institute Web Site.
3. All HODs/Dean,Academic & Examination concerned for information Accounts Officer for information & necessary action.
4. P.A to Director for kind information of the Director.

REGISTRAR

## Rules for Written Test (Instructions to Candidates):

- i) The Written Test will be held as per the scheduled date and time mentioned in the Call Letter for Written Test.
- ii) The medium of the Written Test is English.
- iii) The Examination Hall shall be opened to the candidates half an hour before the commencement of the Written Test. No candidate will be allowed to enter in the Examination Hall without a Call Letter and Photo Identity proof.
- iv) Candidates are required to take their respective seats at least 15 minutes before the commencement of the Written Test, strictly according to the sitting chart notified earlier by the Centre Superintendent.
- v) In no case, a candidate is allowed to enter the examination hall after the Written Test starts.
- vi) Attendance will be taken by the invigilators on the attendance sheets in which the candidates shall have to put their full signature against their name and corresponding roll numbers.
- vii) No candidate, without the special permission of the Centre Superintendent or the Invigilator concerned, will leave his/ her seat or examination room until the full duration of the written test ordinarily no candidate is allowed to leave the hall temporarily during the Written Test.
- viii) Candidates suffering from any disease and their subsequent presence in the examination, if, is undesirable in the interest of other candidates, then he/she will not ordinarily be allowed to enter the examination hall. Also the candidates are not allowed to have a substitute writer.
- ix) Candidates should bring their own black/ blue ball point pen, for writing and blackening the circle in the answer sheet. Books printed papers (other than their Call Letter), Manuscripts or electronic gadgets such as mobile phones, cell phones and electronic diary programmable calculators etc. must not be taken into the examination Hall. In case their prohibited materials are found, the candidate will be debarred from appearing the Written Test and asked to leave the Hall. It is the responsibility of the candidate to submit his/ her Answer Sheet to the concerned Invigilator before leaving the Examination Hall.
- x) The candidates are advised to inspect the question booklet and answer sheet about its completeness before attempting to answer. In case page/ pages are found missing, torn or not in order, the candidates should immediately report to the invigilator and get a fresh question answer book issued after surrendering the defective one.
- xi) Candidates are not permitted to talk to each other in the examination hall. No one should received any help from or assist another in any manner. Malpractice of any form detected during or after the Written Test would entail not only cancellation of candidature but also more severe punishment as deemed fit.
- xii) A candidate should write his/ her roll number as assigned in his/ her Call Letter and sign in the place provided in the Answer Sheet.
- xiii) A candidate wishing to say anything should stand up in his/ her seat and remain standing until the invigilator attends to him/ her. He/ She should on no account leave the seat or make any noise to draw the Invigilator's attention.
- xiv) The Centre Superintendent is empowered to take necessary decisions on any other matters, which are not provided in these rules.

## Examination Procedure/ Valuation Methodology:

There will be multiple choice type questions. The number of questions will be fifty (50) of total 100 marks and one hour duration. Each question shall have four answers (including one correct answer) and the examinee shall have to blacken only the appropriate circle/ oval (which he/ she consider most correct) in black/ blue ball point pen. Each correct answer shall fetch (02) two marks. Each unattempted question/ wrong answer will fetch zero mark. If more than one circle are darkened/ crossed for one question, it will be treated as an incorrect answer.

The Answer Sheet is divided into Part-A and Part-B. Part-A of the original sheet contains the details such as Roll No., Name and signature of the candidate, signature of the Invigilator.

The Part-B of the Answer Sheet is meant for recording the answers by darkening the appropriate circle(s) by the candidate.



## INDIRA GANDHI INSTITUTE OF TECHNOLOGY: SARANG

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR CIVIL ENGINEERING (**GENERAL**) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Naresh Kumar Barik	CE/001	
2.	Surya Prakash Rai Choudhury	CE/002	
3.	Epari Ritesh Patro	CE/003	
4.	Rupashree Panda	CE/004	
5.	Bandita Paikaray	CE/005	
6.	Amit Kumar Das	CE/006	
7.	Manasmita Paikaray	CE/007	
8.	Subhadeep Metya	CE/008	
9.	Sandeep Kumar Prusty	CE/009	
10.	Padmabati Sahoo	CE/010	
11.	Ankita Suman Mohanty	CE/011	
12.	Archana Kumari	CE/012	
13.	Amiya Kumar Mudali	CE/013	
14.	Saurav	CE/014	
15.	Satya Ranjan Samal	CE/015	
16.	Madan Mohan Padhi	CE/016	
17.	Prachi Tamasa	CE/017	
18.	Sharmila Sahu	CE/018	
19.	Pragyan Parimita Naik	CE/019	
20.	Ratnakar Swain	CE/020	
21.	Vipin Chandra	CE/021	
22.	Varekar Vikas Balasaheb	CE/022	
23.	Manas Ranjan Pradhan	CE/023	
24.	Madhusmita Mishra	CE/024	
25.	Sanjeet Sahoo	CE/025	
26.	K. Rajsekhar	CE/026	
27.	Nazia Tazin Imran	CE/027	
28.	Sobhan Mishra	CE/028	Pass Certificates be submitted for verification at the time of Written Test.
29.	Mrs. Laxmipriya Samantaray	CE/029	M.Tech Mark Sheet be submitted for verification at the time of Written Test.
30.	Debashish Kar	CE/030	
31.	Kisan Jena	CE/031	
32.	Pallabi Pattnaik	CE/032	
33.	Samaptika Mohanty	CE/033	
34.	Madhusmita Biswal	CE/034	
35.	Siddharth Purohit	CE/035	
36.	Smrutirekha Sahoo	CE/036	
37.	Pratap Kumar Pradhan	CE/037	
38.	Bidula Bose	CE/038	
39.	Subhashree Swain	CE/039	
40.	Rupashree Sahoo	CE/040	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
41.	Duryodhan Behera	CE/041	
42.	Kalyani Subhadarsini Singh	CE/042	
43.	Nibedita Pradhan	CE/043	
44.	Trushna Jena	CE/044	
45.	Sarmisthabala Prusty	CE/045	
46.	Priyanka Priyadarsani Swain	CE/046	
47.	Shashwati Soumya Pradhan	CE/047	
48.	Satyapriya Senapati	CE/048	
49.	Mamata Padhi	CE/049	
50.	Biswajit Jena	CE/050	
51.	Alok Patel	CE/051	
52.	V. Ramaraju Angalukuduru	CE/052	
53.	Litan Barman	CE/053	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
54.	Sahare Shruti Vinod	CE/054	

CONDITIONALLY ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROF. CIVIL ENGINEERING (GENERAL) VIDE ADVERTISEMENT NO.1/2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Arnab Kumar Pahari	CE/055	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
2.	Akshay Pratap Singh	CE/056	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
3.	Sharmili Routray	CE/057	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
4.	Peri Raghava Ravi Teja	CE/058	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
5.	Debasmita Pal	CE/059	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
6.	Sushree Sangita	CE/060	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
7.	Sunil Kumar Padhi	CE/061	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
8.	Kajal Panigrahi	CE/062	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
9.	Madhusmita Nayak	CE/063	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR CIVIL ENGINEERING (S.C.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Jyotiranjana Das	CE/064	Certificates to be verified at the time of Written Test.
2.	Ganesh Chandra Dhal	CE/065	
3.	Sanjay Kumar Behera	CE/066	
4.	Saudamini Naik	CE/067	
5.	Sushant Kumar Sial	CE/068	
6.	Dharitri Kahali	CE/069	
7.	Paritosh Pradhan	CE/070	
8.	Krushna Chandra Jena	CE/071	
9.	Kaliprasanna Sethy	CE/072	

CONDITIONALLY ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROF. CIVIL ENGINEERING (S.C.) VIDE ADVERTISEMENT NO.1/2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	M.K. Diptikanta Rout	CE/073	M.Tech certificates wanting with Mark Sheet will be verified at the time of Written Test.
2.	Kshyanaprava Priyadarshinee	CE/074	Issue of M.Tech Pass certificate before 22.06.2015 will be verified at the time of Written Test.
3.	Abhayaa Nayak	CE/075	M.Tech Pass certificates will be verified at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR CIVIL ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Muna Kalundia	CE/076	
2.	Biswajit Majhi	CE/077	

CONDITIONALLY ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROF. CIVIL ENGINEERING (S.T.) VIDE ADVERTISEMENT NO.1/2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Kanak Prava Mahali	CE/078	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR ELECTRICAL ENGINEERING (GENERAL) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Sakambhari Mahapatra	EE/001	
2.	Sunila Kumar Swain	EE/002	
3.	Saroj Kumar Behera	EE/003	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
4.	Puja Dash	EE/004	
5.	Balakrushna Sahu	EE/005	
6.	Ranjita Pradhan	EE/006	
7.	Rajendra Narayan Senapati	EE/007	Original certificates showing date of birth is required for verification at the time of Written Test.
8.	Priyadarsini Pradhan	EE/008	
9.	Kalidatta Uditbhanu Pattnaik	EE/009	
10.	Debabrata Senapati	EE/010	
11.	Manurbhaba Swain	EE/011	
12.	Subodh Kumar Mohanty	EE/012	
13.	Ajit Kumar Satapathy	EE/013	
14.	Monalisa Behera	EE/014	
15.	Suprava Chakraborty	EE/015	Original certificates showing date of birth is required for verification at the time of Written Test.
16.	Nitin Kumar	EE/016	
17.	Satish Kumar Patnaik	EE/017	
18.	Suryanarayan Mohanty	EE/018	
19.	Alok Ranjan Hota	EE/019	
20.	Ritambhara Pradhan	EE/020	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
21.	Aditi Abhisikta	EE/021	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
22.	Suraj Prakash Jati	EE/022	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
23.	Siba Kumar Panda	EE/023	
24.	Puspanjali Rout	EE/024	
25.	Suvobrata Sil	EE/025	
26.	Sunita Pahadasingh	EE/026	
27.	P Swati Patro	EE/027	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
28.	Tulasichandra Sekhar Gorripotu	EE/028	
29.	Anjan Kumar Sahoo	EE/029	
30.	Sthitapa Panda	EE/030	
31.	Surya Narayan Tripathy	EE/031	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
32.	Abhisek Mishra	EE/032	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
33.	Nanda Kishore Ray	EE/033	
34.	Bibhu Prasad Nanda	EE/034	
35.	Dhirendra Kumar Malik	EE/035	
36.	Rupa Mishra	EE/036	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
37.	Sitan Kumar Singh	EE/037	
38.	Santosh Kumar Nanda	EE/038	
39.	Jyoti Ranjan Padhi	EE/039	
40.	Anubrata Mondal	EE/040	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
41.	Sangram Keshari Sahoo	EE/041	
42.	Rajashree Sahu	EE/042	
43.	Dipak Kumar Mishra	EE/043	All original and Photo copies of Pass certificate and Mark Sheet starting from H.S.C. onwards be submitted for verification at the time of Written Test.
44.	Aravinda Mahapatra	EE/044	
45.	Swagato Das	EE/045	
46.	Amit Debnath	EE/046	
47.	Swarnabala Upadhyaya	EE/047	
48.	Sulagna Das	EE/048	
49.	Suravi Thakur	EE/049	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
50.	Anurag Mishra	EE/050	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
51.	Prasannajit Sahoo	EE/051	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
52.	Nibedita Swain	EE/052	
53.	Ritesh Dash	EE/053	Original final Degree certificate and Mark Sheet for verification of authenticity at the time of Written Test.
54.	Mitali Mahapatra	EE/054	
55.	Suryapal Vishwakarma	EE/055	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
56.	Gyana Ranjan Biswal	EE/056	
57.	Sabita Chaine	EE/057	
58.	Manoj A	EE/058	Original certificates showing date of birth is required for verification at the time of Written Test.
59.	Utpal Goswami	EE/059	
60.	Mahuya Panda	EE/060	
61.	Saswati Swapna Dash	EE/061	
62.	Partha Sarothi Sikder	EE/062	
63.	Pratyusha Mohapatra	EE/063	
64.	Niranjan Behera	EE/064	
65.	Abinash Kumar Pujari	EE/064	All original certificates along with Mark Sheet be submitted for verification at the time of Written Test.
66.	Chinmay Kumar Nayak	EE/066	
67.	Sankalpa Bohidar	EE/067	
68.	Debasis Sahu	EE/068	
69.	Manoj Kumar Kar	EE/069	
70.	Rakesh Sahoo	EE/070	
71.	Ghanashyam Mahanta	EE/071	
72.	Bagdevi Moharana	EE/072	
73.	Swetalina Bhuyan	EE/073	
74.	Debabrata Pani	EE/074	
75.	Ashish Kumar Swain	EE/075	
76.	Marrapu Deepthi	EE/076	
77.	Priyadarshinee Das	EE/077	
78.	Vijaya Vardhan Reddy	EE/078	
79.	Priyabrata Shaw	EE/079	
80.	Nunnja Rama Phani Ravi Kumar	EE/080	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
81.	Rahila Parveen	EE/081	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
82.	Prayas Mohanty	EE/082	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
83.	Sadhana Malik	EE/083	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
84.	Amit Mohapatra	EE/084	
85.	Umesh Kumar Yadan	EE/085	
86.	Chaity Sarkar	EE/086	
87.	Venkatesh Mugada	EE/087	
88.	Lohit Kumar Sahoo	EE/088	
89.	Mousumi Biswal	EE/089	
90.	Parthasarathi Bisoi	EE/090	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
91.	Sampurna Das	EE/091	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
92.	Smrurtirekha Mahanta	EE/092	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
93.	Subhendu Sekhar Sahoo	EE/093	
94.	Sushree Mahapatra	EE/094	Original certificates showing date of birth is required for verification at the time of Written Test.
95.	Satya Sworup Nayak	EE/095	
96.	Rakesh Kumar Dhal	EE/096	Original final Degree certificate and Mark Sheet for verification of authenticity at the time of Written Test.
97.	Saroj Kumar Panda	EE/097	
98.	Debaraj Rana	EE/098	
99.	Satya Sundar Mishra	EE/099	
100.	Amaresh Choudhury	EE/100	
101.	Radha Rani Panigrahy	EE/101	
102.	Sreyasee Rout	EE/102	
103.	Asima Sabat	EE/103	
104.	Radhakrishna Das	EE/104	
105.	Rakesh Ranjan Shukla	EE/105	
106.	Pratyusha Pratik	EE/106	
107.	Rupali Mohanty	EE/107	
108.	Soumya Mishra	EE/108	
109.	Sudipta Kumar Behera	EE/109	
110.	Rosalin Pradhan	EE/110	
111.	Mohapatra Bikash Kumar Sahoo	EE/111	
112.	Kaibalya Prasad Panda	EE/112	
113.	Ramesh Chandra Khamari	EE/113	
114.	Nrusingha Prasad Tripathy	EE/114	
115.	Tusar Kumar Dash	EE/115	
116.	Manohar Mishra	EE/116	
117.	Lopamudra Mitra	EE/117	
118.	Ranjeeta Patel	EE/118	
119.	Chiranjibi Prasad Behera	EE/119	
120.	Mohamayee Mohapatra	EE/120	



Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
121.	Manjit Bahadur Singh	EE/121	
122.	Rakhee Panigrahi	EE/122	
123.	Sanam Devi	EE/123	
124.	Samita Padhi	EE/124	
125.	Snigdha Sarangi	EE/125	
126.	Sanjukta Nayak	EE/126	
127.	Amit Kumar Sahoo	EE/127	
128.	Mahesweta Biswal	EE/128	
129.	Pravati Nayak	EE/129	
130.	Shubhranshu Mohan Parida	EE/130	
131.	Bishnupriya Biswal	EE/131	
132.	Deepti Priyanka Behera	EE/132	
133.	Swapnita Mallick	EE/133	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
134.	Baseem Khan	EE/134	
135.	Samprati Mohanty	EE/135	
136.	Jyoti Ranjan Dash	EE/136	
137.	Rupali Balabantaraya	EE/137	
138.	Satabdi Das	EE/138	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
139.	Anwes Pradhan	EE/139	
140.	Reema Mohanty	EE/140	
141.	Vikash Kumar Gupta	EE/141	
142.	Bandana Bhutia	EE/142	
143.	Aditya Kumar Pati	EE/143	
144.	Sheetal Chandak	EE/144	
145.	Pradosh Ranjan Sahoo	EE/145	
146.	Abinash Rath	EE/146	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
147.	Aditya Prasad Padhy	EE/147	
148.	Abhishek Nayak	EE/148	
149.	Subhajita Sahu	EE/149	
150.	Basant Kumar Sethi	EE/150	
151.	Rudra Prasad Martha	EE/151	
152.	Preeti Ranjan Sahu	EE/152	
153.	Haimabati Pradhan	EE/153	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
154.	Maneesha Samantray	EE/154	Original final Degree certificate and Mark Sheet for verification of authenticity at the time of Written Test.
155.	Sovit Kumar Pradhan	EE/155	
156.	Prem Ranjan	EE/156	
157.	Abhilash Patel	EE/157	
158.	Nimish Kumar	EE/158	
159.	Sanhita Mishra	EE/159	
160.	Ranjeet Kumar Mahakhuda	EE/160	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
161.	Atanu Banerjee	EE/161	
162.	Udit Narayan Bera	EE/162	
163.	Sushree Samikshya Pattanaik	EE/163	
164.	Sipra Das Mohapatra	EE/164	
165.	Soumya Samanta	EE/165	
166.	Bibhukalyan Biswal	EE/166	
167.	Satyajit Das	EE/167	
168.	Chittaranjan Meher	EE/168	
169.	Swetapadma Panigrahi	EE/169	
170.	Prasanta Kumar Mohapatra	EE/170	
171.	Dilip Kumar Nayak	EE/171	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
172.	Bishnupriya Dash	EE/172	
173.	SHALINI	EE/173	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
174.	Pratik Kumar Kar	EE/174	
175.	Priyanka Bahinipati	EE/175	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
176.	Ashutosh Biswal	EE/176	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
177.	Debashish Mishra	EE/177	
178.	Pravat Ranjan Samal	EE/178	
179.	Aditi Chatterjee	EE/179	
180.	Shraddhanjali Bishi	EE/180	
181.	Abhilipsa Sahoo	EE/181	All original and Photo copies of Pass certificate and Mark Sheet starting from H.S.C. onwards be submitted for verification at the time of Written Test.
182.	Mita Behera	EE/182	
183.	Sujata Kumari Khandualo	EE/183	
184.	Krushna Keshaba Barala	EE/184	
185.	Prajnadipta Sahoo	EE/185	
186.	Amrit Anand Mahapatra	EE/186	All original and Photo copies of Pass certificate and Mark Sheet starting from H.S.C. onwards be submitted for verification at the time of Written Test.
187.	T. Dinesh Varma	EE/187	
188.	Sujit Kumar Bhuyan	EE/188	
189.	Manoj Kumar Debnath	EE/189	
190.	Pratap Chandra Nayak	EE/190	
191.	Susmita Kar	EE/191	
192.	P. Swadhin Kumar Patro	EE/192	
193.	Bodhisatwa Bhattacharya	EE/193	
194.	Pragnya Jita Satpathy	EE/194	
195.	Sritosh Kumar Sahoo	EE/195	
196.	V Pavan Kumar	EE/196	
197.	Siddhartha Shankar Mishra	EE/197	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
198.	Mitali Panda	EE/198	
199.	Subrat Kumar Biswal	EE/199	
200.	Preetismita Panigrahi	EE/200	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
201.	Swasti Bachan Panda	EE/201	
202.	Sonali Goel	EE/202	
203.	Shovan Mandal	EE/203	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
204.	Sagarika Rout	EE/204	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
205.	Subhadra Sahoo	EE/205	
206.	Ambarish Panda	EE/206	
207.	Abhisek Parida	EE/207	
208.	Stuti Soumya Pani	EE/208	
209.	Tapan Kumar Acharjya	EE/209	
210.	Nibedita Parida	EE/210	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
211.	Kunmun Behera	EE/211	
212.	Ghanshyam Vishwakarma	EE/212	
213.	Samita Rani Pani	EE/213	
214.	Srikant Misra	EE/214	
215.	Ronalisa Padhi	EE/215	
216.	Bijaya Kumar Das	EE/216	
217.	Soumya Ranjan Das	EE/217	
218.	Debasish Mishra	EE/218	
219.	Bedadatta Bedanta	EE/219	
220.	Jatin Kumar Pradhan	EE/220	
221.	Guddy Satpathy	EE/221	
222.	Prabhas Ranjan Naik	EE/222	
223.	Debashis Tripathy	EE/223	
224.	Rasmita Muduli	EE/224	
225.	Soumya Behera	EE/225	
226.	Aurobinda Panda	EE/226	
227.	Tanaya Kuanr	EE/227	
228.	Sarita Rani Rout	EE/228	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.
229.	Padmaja Hota	EE/229	
230.	Sanjukta Patel	EE/230	
231.	Narayan Sahoo	EE/231	
232.	Mahendra Kumar Mohanty	EE/232	
233.	Laxmidhar Biswal	EE/233	
234.	Sidharth Sabyasachi	EE/234	
235.	Kanan Kumar Das	EE/235	Original final Degree certificate and Mark Sheet for verification of authenticity at the time of Written Test.
236.	Sarada Prasanna Sahoo	EE/236	
237.	Jagannath Patra	EE/237	
238.	Rama Chandra Dalei	EE/238	
239.	Thirugnanamoorthy. L	EE/239	
240.	Anita Shial	EE/240	

Contd.....P/10

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
241.	Kumudini Suna	EE/241	
242.	Sudeep Behera	EE/242	
243.	Rupashree Sethi	EE/243	
244.	Biswabharati Majhi	EE/244	
245.	Sumanta Kumar Nanda	EE/245	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR ELECTRICAL ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Bisaya Bhoi	EE/246	
2.	Karmila Sore	EE/247	

CONDITIONALLY ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR ELECTRICAL ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Samit Kiran Kisan	EE/248	M.Tech pass certificate and Mark Sheet obtaining the M.Tech degree on or before 22.06.2015 is required for verification at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR MECHANICAL ENGINEERING (**GENERAL**) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Bhabagrahi Natha Sharma	ME/001	
2.	Shakti Prakash Jena	ME/002	Proper Application Form not submitted, be submitted at the time of Written Test.
3.	Amlan Das	ME/003	
4.	Usharani Rath	ME/004	
5.	Sudhanshu Shekhar Sahu	ME/005	M.Tech pass Certificate before 22.06.2015 be submitted at the time of Written Test for verification.
6.	Chinmaya Mishra	ME/006	
7.	Ritesh Kumar Patel	ME/007	
8.	Surjyakant Panda	ME/008	
9.	Anand Gupta	ME/009	
10.	Ansuman Padhi	ME/010	
11.	Santosh Kumar Singh	ME/011	
12.	Saroj Kumar Basantia	ME/012	
13.	Smrutiranjana Pradhan	ME/013	
14.	Deepak Kumar	ME/014	
15.	Smarajit Punay Kanti	ME/015	
16.	Natabara Mahapatra	ME/016	
17.	Sanat Kumar Pattnaik	ME/017	
18.	Binayak Pattanayak	ME/018	
19.	Smruti Ranjan Pradhan	ME/019	
20.	Simarani Behera	ME/020	
21.	Abinash Pujari	ME/021	
22.	Srimant Kumar Mishra	ME/022	
23.	Sudeep Kumar Pradhan	ME/023	
24.	Pratim Kumar	ME/024	
25.	Priyabrata Sahu	ME/025	
26.	Amrit Mallick	ME/026	
27.	Ms Soma Dalbehera	ME/027	
28.	Bijendra Kumar Meena	ME/028	
29.	Addala Sandeep	ME/029	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
30.	Piyush Mohapatra	ME/030	
31.	Deepak Kumar Rout	ME/031	
32.	Basanta Kumar Rana	ME/032	
33.	Soumya Ranjan Mishra	ME/033	
34.	Saurav Ranjan Pradhan	ME/034	
35.	Jegathishkumar R	ME/035	
36.	Rajeev Prakash	ME/036	
37.	Aurabinda Swain	ME/037	
38.	Manisha Mahapatro	ME/038	
39.	Rashmita Nayak	ME/039	
40.	Suwendu Mohanty	ME/040	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
41.	Tanmayee Khuntia	ME/041	
42.	Sataya Brata Ghadei	ME/042	
43.	Jagdish Pradhan	ME/043	
44.	Kumuda Ranjan	ME/044	M.Tech certificate not available, be submitted for verification at the time of Written Test.
45.	Nitesh Kumar Rai	ME/045	
46.	Sakuntala Nahak	ME/046	
47.	Biswesh Ranjan Acharya	ME/047	
48.	Amit Kumar	ME/048	M.Tech certificate not available, be submitted for verification at the time of Written Test.
49.	Akhilesh Chandra Kashyap	ME/049	
50.	Amruta Rout	ME/050	
51.	Jitenjaya Pradhan	ME/051	
52.	Pradeep Kumar Mishra	ME/052	
53.	Sachidananda Tripathy	ME/053	M.Tech certificate not available, be submitted for verification at the time of Written Test.
54.	Parthasarathi Mishra	ME/054	
55.	Abhishek Kumar Dubey	ME/055	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
56.	Rajiva Lochan Mohanty	ME/056	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
57.	Ritesh Kumar	ME/057	
58.	Santosh Patro	ME/058	
59.	Krushnashree Sushree Sangita Sahoo	ME/059	
60.	Smaranika Nayak	ME/060	
61.	Padmalochan Prusty	ME/061	
62.	Bibekananda Mishra	ME/062	
63.	Jukti Prasad Padhy	ME/063	
64.	Manoja Kumar Ojha	ME/064	
65.	Bhavya Nidhi Vats	ME/065	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
66.	Sudeep Kumar Singh	ME/066	
67.	Prerana Nashine	ME/067	
68.	Harisankar Bendu	ME/068	
69.	Sridhar Sahoo	ME/069	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
70.	Vevek Kumar	ME/070	
71.	Bibhuti Bhusan Samantaray	ME/071	
72.	Santosh Kumar Sahu	ME/072	
73.	Soumya Ranjan Sahoo	ME/073	
74.	Ashutosh Pattanaik	ME/074	
75.	Sachindra Kumar Rout	ME/075	
76.	Lokesh Singh	ME/076	
77.	Amit Singh	ME/077	
78.	Ipsita Nayak	ME/078	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
79.	Shakti Prasanna Jena	ME/079	
80.	Anojja Puspashree	ME/080	

Sl.No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
81.	Manas Ranjan Panda	ME/081	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
82.	Smruti Snigdha Patro	ME/082	
83.	Hemanta Kumar Rana	ME/083	
84.	Laxman Kumar Sahoo	ME/084	
85.	Pritinika Behera	ME/085	
86.	Sunita Panda	ME/086	
87.	Bimal Ranjan Pattanaik	ME/087	
88.	Ruturaja Pradhan	ME/088	
89.	Chinmaya Prasad Mohanty	ME/089	
90.	Antara Bhattacharjee	ME/090	
91.	Dibyanandan Dash	ME/091	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
92.	Swayam Sampurna Panigrahi	ME/092	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
93.	Subhrajit Beura	ME/093	
94.	Tapano Kumar Hotta	ME/094	
95.	Anita Pritam	ME/095	
96.	Chandraveer Singh Kanawat	ME/096	
97.	Dillip Kumar Panigrahi	ME/097	
98.	Lipika Mishra	ME/098	
99.	Jyotibrata Dash	ME/099	
100.	Santosh Kumar Sahu	ME/100	
101.	Shakti Prasad Jena	ME/101	
102.	Shakyasingha Sahoo	ME/102	
103.	Sagarika Baghel	ME/103	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
104.	Ramanuj Kumar	ME/104	
105.	Amit Singh Dehury	ME/105	
106.	Saurabh Dewangan	ME/106	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
107.	Pravat Ranjan Pati	ME/107	
108.	Praveen Kumar	ME/108	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
109.	Mantra Prasad Satpathy	ME/109	
110.	Bikash Ranjan Moharana	ME/110	
111.	Ashish Das	ME/111	
112.	Smita Padhan	ME/112	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
113.	Shakti Prakash Jena	ME/113	
114.	Srujani Kumar Subudhi	ME/114	
115.	Soumya Jyoti Chatterjee	ME/115	
116.	Omsree Mahapatra	ME/116	
117.	Surya Narayan Panda	ME/117	
118.	Satyabrata Dhala	ME/118	
119.	Ram Singar Yadav	ME/119	
120.	Somya Trupti Sahoo	ME/120	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
121.	RANJAN	ME/121	
122.	Sudipta Chand	ME/122	
123.	Rahul Mishra	ME/123	
124.	Debakanta Mohanty	ME/124	
125.	Durjyodhan Sethi	ME/125	
126.	Adarsh Kumar Behera	ME/126	
127.	AMIT	ME/127	
128.	Susila Kumari Mahapatra	ME/128	
129.	Deepak Suna	ME/129	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
130.	Vishesh Ranjan Kar	ME/130	
131.	Ms Jayashree Das	ME/131	
132.	M Rama Balaji	ME/132	
133.	Aparna Rout	ME/133	
134.	Sasmita Sahu	ME/134	
135.	Kanika Parkash	ME/135	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
136.	Kanchan Kumari	ME/136	
137.	Chinmahya Kumar Sahoo	ME/137	
138.	Tanmayee Mohanty	ME/138	
139.	Subhransu Sekhar Mallick	ME/139	
140.	Sudhansu Sekhar Patro	ME/140	
141.	Lord Jaykishan Nayak	ME/141	
142.	Bedamati Nayak	ME/142	
143.	Aruna Kumar Behura	ME/143	
144.	Gaurab Kumar Ghosh	ME/144	
145.	Kumar Abhishek	ME/145	
146.	Sangita Sarangi	ME/146	
147.	Debabrata Barik	ME/147	
148.	Niharika Mohanta	ME/148	
149.	Swastik Acharya	ME/149	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
150.	Swati Pattanaik	ME/150	
151.	Bikash Naik	ME/151	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
152.	Alok Ranjan Thanapati	ME/152	
153.	Anita Sethi	ME/153	
154.	Sunita Sethy	ME/154	
155.	Arabinda Meher	ME/155	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
156.	Aveek Mohanty	ME/156	
157.	Anwasha Panigrahi	ME/157	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
158.	Sushri Priyanka Panigrahi	ME/158	
159.	Ashirbad Swain	ME/159	
160.	Sarat Kumar Sahoo	ME/160	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.



Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
161.	Rama Kanta Nayak	ME/161	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
162.	Chandana Subudhi	ME/162	
163.	Anshuman Das	ME/163	
164.	Rajendra Kumar Praharaj	ME/164	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
165.	Ashok Kumar Pradhan	ME/165	
166.	Somita Rani Pradhan	ME/166	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
167.	Satyabrata Sahoo	ME/167	
168.	Rasmi Ranjan Behera	ME/168	
169.	Jyotiranjana Meher	ME/169	
170.	Sasmita Kar	ME/170	
171.	Manish Kumar Agrawal	ME/171	
172.	Vinod Kumar Sharma	ME/172	
173.	Santosh Kumar Panda	ME/173	
174.	Smaranika Rout	ME/174	
175.	Lalatendu Keshari Sardar	ME/175	
176.	Manasi Manjari Mohanty	ME/176	
177.	Deepak Kumar Bhunya	ME/177	
178.	Bijaya Bijeta Nayak	ME/178	
179.	Rupalika Dash	ME/179	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
180.	Anil Kumar Rout	ME/180	
181.	Upasana Priyadarshani Padhi	ME/181	
182.	Om Prakash Samal	ME/182	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
183.	Suchismita Swain	ME/183	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
184.	Sushant Kumar Sahu	ME/184	
185.	Ayusman Nayak	ME/185	
186.	Kasinath Das Mohapatra	ME/186	
187.	Chinmaya Sahu	ME/187	
188.	Sailendu Biswal	ME/188	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
189.	Swayam Bikash Mishra	ME/189	
190.	Sai Satyananda Sahoo	ME/190	
191.	Ajaya Ketan Nayak	ME/191	
192.	Chandrabhanu Malla	ME/192	
193.	Dillip Kumar Mohanta	ME/193	
194.	Layatitdev Das	ME/194	
195.	Kanhaiya Prasad	ME/195	
196.	Archana Mishra	ME/196	
197.	T Devi Prasad Patra	ME/197	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
198.	Himansu Sekhar Dash	ME/198	
199.	Samresh Garnaik	ME/199	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
200.	Bhabani Shankar Rana	ME/200	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
201.	Padma Lochan Nayak	ME/201	
202.	Sudhansu Sekhar Das	ME/202	
203.	Nitesh Dhar Badgayan	ME/203	
204.	Chetana Tripathy	ME/204	
205.	Sujit Mishra	ME/205	
206.	Prakash Kumar Sahu	ME/206	
207.	Bishnu Prasad Nanda	ME/207	
208.	Gunjan Kumar	ME/208	
209.	Vishwa Mohan Behera	ME/209	
210.	Shiba Narayan Sahu	ME/210	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
211.	Manisha Priyadarshini	ME/211	
212.	Subhashree Prusty	ME/212	
213.	Sonali Rout	ME/213	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
214.	Bibhas Ranjan Sahu	ME/214	
215.	B. Srjnivasulu	ME/215	
216.	Deepak Ranjan Sahoo	ME/216	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
217.	Bijaya Kumar Khamari	ME/217	
218.	Kshirod Deheri	ME/218	
219.	Kalinga Simant Bal	ME/219	
220.	Madhuri Pradhan	ME/220	
221.	Janmejaya Mallick	ME/221	
222.	Venkata Varalakshmi Kothuru	ME/222	
223.	Saumya Kanta Sethi	ME/223	
224.	Balaji Athodhu	ME/224	M.Tech pass certificates required before 22.06.2015 at the time of Written Test.
225.	Satyanarayana Kumbha	ME/225	
226.	Biharilal Tudu	ME/226	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR MECHANICAL ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Sagar Kumar Murmu	ME/227	
2.	Anisha Ekka	ME/228	
3.	Sandeep Bhoi	ME/229	All Certificates and Mark Sheets starting from HSC onwards to be submitted at the time of Written Test for verification.
4.	Milli Suchita Kujur	ME/230	
5.	Urmiranjan Bariha	ME/231	
6.	Nageswar Gomango	ME/232	
7.	Kapura Tudu	ME/233	
8.	Pritya Aniva Xess	ME/234	
9.	Soumya Ranjan Pradhan	ME/235	
10.	Alok Bara	ME/236	M.Tech pass certificate and Mark Sheet to be submitted at the time of Written Test for verification.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR METALLURGICAL & MATERIALS ENGINEERING (GENERAL) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Ipsa Tripathy	MME/001	
2.	Prvan Kumar Katiyar	MME/002	
3.	Jayashree Baral	MME/003	
4.	Sarbeswar Das	MME/004	
5.	Prince Kumar Singh	MME/005	
6.	Mukesh Raushan Kumar	MME/006	
7.	Md. Sajit Hussain	MME/007	
8.	Subhadra Sahoo	MME/008	
9.	Ajit Panigrahi	MME/009	
10.	Abhijit Ghosh	MME/010	
11.	Ajit Kumar Mishra	MME/011	
12.	Rajeet Kumar Singh Yadav	MME/012	
13.	Brighty Dutta	MME/013	
14.	Vatsala Chaturvedi	MME/014	
15.	Siddhartha Tiwari	MME/015	
16.	Sujata Panda	MME/016	
17.	Balmukund Dewangan	MME/017	
18.	Mr. Randhir Kumar Singh	MME/018	
19.	Aman Jyoti Shukla	MME/019	
20.	Gurudas Mandal	MME/020	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
21.	Santanu Mandal	MME/021	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.
22.	Chandan Halder	MME/022	10 <sup>th</sup> Pass Certificate is required to submit at the time of Written Test for verification for fulfilling of age criteria.
23.	Vivek Kumar	MME/023	
24.	Gurrala Arun Kumar	MME/024	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.

CONDITIONAL ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR METALLURGICAL & MATERIALS ENGINEERING (**GENERAL**) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Gangadhar Rao	MME/025	10 <sup>th</sup> Pass Certificate is required to submit at the time of Written Test for verification for fulfilling of age criteria.
2.	Kaibalya Mohanty	MME/026	M.Tech Certificate and Mark Sheet will be verified at the time of Written Test.
3.	Ankit Singh	MME/027	M.Tech Certificate and Mark Sheet will be verified at the time of Written Test.
4.	Rakesh Nalla	MME/028	Final B.Tech, M.Tech , Dual Degree Certificate and Mark Sheet will be verified at the time of Written Test.
5.	Biswajit Sengupta	MME/029	10 <sup>th</sup> Pass Certificate is required to submit at the time of Written Test for verification for fulfilling of age criteria.
6.	Ms Debasmita Mohanty	MME/030	M.Tech Certificate and Mark Sheet will be verified at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR METALLURGICAL & MATERIALS ENGINEERING (**S.C.**) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Latimuni Patra	MME/031	
2.	Ratnakar Malik	MME/032	
3.	Gourahari Behera	MME/033	
4.	N Surya Prakash	MME/034	
5.	Akshaya Kumar Behera	MME/035	
6.	Subhadra Sahoo	MME/036	
7.	Suraj kumar Seth	MME/037	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR METALLURGICAL & MATERIALS ENGINEERING (**S.T.**) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Nicky Kisku	MME/038	M.Tech pass Certificate and Mark Sheet before 22.06.2015 be submitted at the time of Written Test for verification.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR CHEMICAL ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Anil Kumar Murmu	CHE/001	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR PRODUCTION ENGINEERING (GENERAL) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Sasmita Kar	PE/001	
2.	Jyoti Ranjan Meher	PE/002	
3.	Swayam Bikash Mishra	PE/003	
4.	Sudhansu Ranjan Das	PE/004	
5.	Chinmaya Prasad Mohanty	PE/005	
6.	Tarakeswar Barik	PE/006	
7.	Bimal Ranjan Pattanaik	PE/007	
8.	Padmaja Tripathy	PE/008	
9.	Himansu Sekhar Dash	PE/009	
10.	T Devi Prasad Patra	PE/010	M.Tech pass certificate and Mark Sheet is required to be verified at the time of Written Test.
11.	Ashok Kumar Pradhan	PE/011	
12.	Swayam Sampurna Panigrahi	PE/012	M.Tech pass certificate and Mark Sheet is required to be verified at the time of Written Test.
13.	Antara Bhattacharjee	PE/013	
14.	Kanchan Kumari	PE/014	
15.	Kalinga Simant Bal	PE/015	
16.	Kasinath Das Mohapatra	PE/016	
17.	Bijaya Bijeta Nayak	PE/017	
18.	Usharani Rath	PE/018	
19.	Debakanta Mohanty	PE/019	
20.	Manoranjan Mishra	PE/020	M.Tech pass certificate and Mark Sheet is required to be verified at the time of Written Test.
21.	Sunil Kumar Panigrahy	PE/021	
22.	Jukti Prasad Padhy	PE/022	
23.	Parthasarathi Mishra	PE/023	
24.	Jegathishkumar R	PE/024	
25.	Prasanta Kumar Nayak	PE/025	
26.	Sanat Kumar Pattnaik	PE/026	
27.	Amruta Rout	PE/027	
28.	Nitesh Kumar Rai	PE/028	
29.	Bishnu Prasad Nanda	PE/029	
30.	Ms Jayashree Das	PE/030	
31.	Nitesh Dhar Badgayan	PE/031	
32.	Prakash Kumar Sahu	PE/032	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
33.	Sangita Sarangi	PE/033	
34.	Abhishek Kumar Dubey	PE/034	
35.	Krushnashree Sushree Sangita Sahoo	PE/035	
36.	Santosh Patro	PE/036	
37.	Satchidananda Tripathy	PE/037	M.Tech pass certificate and Mark Sheet is required to be verified at the time of Written Test.
38.	Kumar Abhishek	PE/038	
39.	Jyoti Brata Dash	PE/039	
40.	Mantra Prasad Satpathy	PE/040	
41.	Chandra Kanta Mishra	PE/041	
42.	Biswesh Ranjan Acharya	PE/042	
43.	Jayanta Kumar Mahato	PE/043	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR PRODUCTION ENGINEERING (SEBC) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Harish Chandra Dalai	PE/044	
2.	Girish Chandra Swain	PE/045	
3.	Shiba Narayan Sahu	PE/046	
4.	Prabina Kumar Patnaik	PE/047	
5.	Sarat Kumar Sahoo	PE/048	
6.	Bijaya Kumar Khamari	PE/049	
7.	Shakti Ranjan Garanayak	PE/050	
8.	Manisha Priyadarshini	PE/051	M.Tech pass certificate before 22.06.2015 and Mark Sheet is required to be verified at the time of Written Test.
9.	Rashmi Ranjan Lenka	PE/052	
10.	Suchismita Swain	PE/053	M.Tech pass certificate before 22.06.2015 and Mark Sheet is required to be verified at the time of Written Test.
11.	Vishwa Mohan Behera	PE/054	
12.	Santosh Kumar Sahu	PE/055	
13.	Janmejaya Mallick	PE/056	
14.	Amrit Mallick	PE/057	
15.	Deepak Kumar Naik	PE/058	
16.	Bikash Ranjan Moharana	PE/059	
17.	Smita Padhan	PE/060	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR PRODUCTION ENGINEERING (S.C.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Chinmayee Behera	PE/061	M.Tech pass certificate before 22.06.2015 and Mark Sheet is required to be verified at the time of Written Test.
2.	Deepak Suna	PE/062	
3.	Pritinika Behera	PE/063	
4.	Sunita Sethy	PE/064	
5.	Anita Sethy	PE/065	M.Tech pass certificate before 22.06.2015 and Mark Sheet is required to be verified at the time of Written Test.
6.	Babuli Kumar Jena	PE/066	
7.	Mandakini Behari	PE/067	
8.	Rudranarayan Behera	PE/068	
9.	Pradeep Kumar Tarei	PE/069	
10.	Girija Nandan Arka	PE/070	
11.	Saumya Kanta Sethi	PE/071	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR PRODUCTION ENGINEERING (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Prity Aniva Xess	PE/072	
2.	Dilip Kumar Bagal	PE/073	M.Tech pass certificate before 22.06.2015 and Mark Sheet is required to be verified at the time of Written Test.

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR PHYSICS (S.T.) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Sudhir Minz	PHY/001	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR CHEMISTRY (UR) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Purndndu Nandy	CHY/001	
2.	Veera Venkata Ramesh E	CHY/002	
3.	Venkata Ravi Kumar Darbha	CHY/003	
4.	Swagatika Sahu	CHY/004	
5.	Subash Chandra Sahu	CHY/005	
6.	Ashis Kumar Jena	CHY/006	
7.	Debakanta Tripathy	CHY/007	
8.	Sanjib Banerjee	CHY/008	
9.	Songhita Meher	CHY/009	
10.	Ritwik Panigrahi	CHY/010	
11.	Krushna Chandra Sahoo	CHY/011	
12.	Mukesh Kumar Tyagi	CHY/012	
13.	Jibardhan Meher	CHY/013	
14.	Malaya Kumar Sahoo	CHY/014	
15.	Saroj Kumar Rout	CHY/015	
16.	Sarita Garnayak	CHY/016	
17.	Partha Sarathi Guru	CHY/017	
18.	Bibhu Prasad Sahoo	CHY/018	
19.	Saikat Kumar Manna	CHY/019	
20.	Sharmita Biswas	CHY/020	
21.	Dr. Anasuya Mishra	CHY/021	
22.	Rojalisa Sahu	CHY/022	
23.	Laxmi Narayan Sahoo	CHY/023	
24.	Mrs. Allian Majhi	CHY/024	
25.	Dr. Subhashree Priyadarsini Dash	CHY/025	
26.	Prasant Behera	CHY/026	
27.	Piyush Panini	CHY/027	
28.	Sagarika Sahoo	CHY/028	
29.	Kabita Kumari Satapathy	CHY/029	
30.	Suchilipsa Das	CHY/030	
31.	Prativa Kar	CHY/031	
32.	Itishree Mohanty	CHY/032	As per W.P.(C) No.22682/2015 permitted to appear in the interview for the post of Asst. Prof. Chemistry
33.	Rabindra Kumar Send	CHY/033	As per W.P.(C) No.20911/2015 permitted to appear in the interview for the post of Asst. Prof. Chemistry



ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR ECONOMICS (UR) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Mili Das	ECO/001	
2.	Kalpana Sahoo	ECO/002	
3.	Preetiswapna Padhan	ECO/003	
4.	T. Triveni	ECO/004	
5.	Auro Kumar Sahoo	ECO/005	
6.	Tulasi Malini Maharatha	ECO/006	
7.	Subhrajit Rath	ECO/007	
8.	Kaveri Deb	ECO/008	
9.	Subhransu Sekhar Sahoo	ECO/009	
10.	Ashish Kumar Mishra	ECO/010	
11.	Himani Mallia	ECO/011	
12.	Bibhuti Ranjan Mishra	ECO/012	
13.	Madhusmita Samal	ECO/013	
14.	Sal Kumar Swami	ECO/014	
15.	Diptimayee Mishra	ECO/015	
16.	Deepti Sahoo	ECO/016	
17.	Aruna Bikash Malik	ECO/017	
18.	Biplab Kumar Guru	ECO/018	

ELIGIBLE CANDIDATES TO APPEAR WRITTEN TEST SCHEDULED TO BE HELD ON 23.04.2017 FOR THE POST OF ASSISTANT PROFESSOR MANAGEMENT (UR) VIDE ADVT. NO.1/2015 dated 19.05.2015 & Codgn.No.IGIT/Estt.-1559 dated 16.10.2015

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
1.	Ansuman Jena	MGT/001	
2.	Vidyavathi M	MGT/002	
3.	Sal Kumar Swami	MGT/003	
4.	Anasuya Swain	MGT/004	
5.	Rasmita Behera	MGT/005	
6.	Subhra Subhadarsini	MGT/006	
7.	Anchal Pathak	MGT/007	
8.	Vivek Kumar Mohapatra	MGT/008	
9.	Stalina Bisoyi	MGT/009	
10.	Akanksha Dubey	MGT/010	
11.	Ms. Sai Rashmi Patra	MGT/011	
12.	Deepali Rani Sahoo	MGT/012	
13.	Nargis Begum	MGT/013	
14.	Bijay Kumar Rout	MGT/014	
15.	Susanta Kumar Mishra	MGT/015	Final Mark Sheet to be verified at the time of Written Test.
16.	Dusmant Kumar Sahoo	MGT/016	Subject to equivalence of Mark Sheet to be shown at the time of Written Test.
17.	Bharati Pujari	MGT/017	
18.	Adyasha Suvadarsini	MGT/018	
19.	Basudev Singh	MGT/019	
20.	Dr. Ajit Dhar Dubey	MGT/020	
21.	Sunita Dwibedi	MGT/021	
22.	Gayatri Rout	MGT/022	
23.	Durga Charan Majhi	MGT/023	
24.	Auroshis Rout	MGT/024	
25.	Sukadev Nayak	MGT/025	
26.	Soumya Ranjan Sahoo	MGT/026	
27.	Sovanjeet Mishra	MGT/027	
28.	Sagar Dash	MGT/028	
29.	Atasi Parida	MGT/029	
30.	Ajitabh Dash	MGT/030	
31.	Subidita Pattanaik	MGT/031	
32.	Rashmi Singh	MGT/032	
33.	Satish Chandra Pant	MGT/033	
34.	Lisa Mitra	MGT/034	
35.	Anuradha Dash	MGT/035	
36.	Kuldeep Kumar	MGT/036	
37.	Dr. Pushkar Debey	MGT/037	
38.	Alok Ranjan Prusty	MGT/038	
39.	Jolly Dey	MGT/039	
40.	Kishan Digal	MGT/040	

Sl. No.	Name of the candidate	Roll No.	Remarks for CQ candidates (Deficiencies to be complied in addition to verification of original documents before being allowed to be appeared for Written Test.)
(1)	(2)	(3)	(4)
41.	Saumik Ghosh	MGT/041	10 <sup>th</sup> Board Pass Certificate wanting for verification of age at the time of Written Test.
42.	Sushreeprava Jena	MGT/042	
43.	Elora Rath	MGT/043	
44.	Sarthak Kumar Jena	MGT/044	
45.	Sidharth Shankar Rai	MGT/045	
46.	Vikas Bhatnagar	MGT/046	
47.	Rosalin Mishra	MGT/047	
48.	Nilima Das	MGT/048	

## SYLLABUS OF CIVIL ENGG.

### Engineering Mathematics

**Linear Algebra:** Matrix algebra; Systems of linear equations; Eigen values and Eigen vectors.

**Calculus:** Functions of single variable; Limit, continuity and differentiability; Mean value theorems, local maxima and minima, Taylor and Maclaurin series; Evaluation of definite and indefinite integrals, application of definite integral to obtain area and volume; Partial derivatives; Total derivative; Gradient, Divergence and Curl, Vector identities, Directional derivatives, Line, Surface and Volume integrals, Stokes, Gauss and Green's theorems.

**Ordinary Differential Equation (ODE):** First order (linear and non-linear) equations; higher order linear equations with constant coefficients; Euler-Cauchy equations; Laplace transform and its application in solving linear ODEs; initial and boundary value problems.

**Partial Differential Equation (PDE):** Fourier series; separation of variables; solutions of one-dimensional diffusion equation; first and second order one-dimensional wave equation and two-dimensional Laplace equation.

**Probability and Statistics:** Definitions of probability and sampling theorems; Conditional probability; Discrete Random variables: Poisson and Binomial distributions; Continuous random variables: normal and exponential distributions; Descriptive statistics - Mean, median, mode and standard deviation; Hypothesis testing.

**Numerical Methods:** Accuracy and precision; error analysis. Numerical solutions of linear and non-linear algebraic equations; Least square approximation, Newton's and Lagrange polynomials, numerical differentiation, Integration by trapezoidal and Simpson's rule, single and multi-step methods for first order differential equations.

### Structural Engineering

**Engineering Mechanics:** System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Friction and its applications; Kinematics of point mass and rigid body; Centre of mass; Euler's equations of motion; Impulse-momentum; Energy methods; Principles of virtual work.

**Solid Mechanics:** Bending moment and shear force in statically determinate beams; Simple stress and strain relationships; Theories of failures; Simple bending theory, flexural and shear stresses, shear centre; Uniform torsion, buckling of column, combined and direct bending stresses.

**Structural Analysis:** Statically determinate and indeterminate structures by force/ energy methods; Method of superposition; Analysis of trusses, arches, beams, cables and frames; Displacement methods: Slope deflection and moment distribution methods; Influence lines; Stiffness and flexibility methods of structural analysis.

**Construction Materials and Management:** Construction Materials: Structural steel - composition, material properties and behaviour; Concrete - constituents, mix design, short-term and long-term properties; Bricks and mortar; Timber; Bitumen. Construction Management: Types of construction projects; Tendering and construction contracts; Rate analysis and standard specifications; Cost estimation; Project planning and network analysis - PERT and CPM.

**Concrete Structures:** Working stress, Limit state and Ultimate load design concepts; Design of beams, slabs, columns; Bond and development length; Prestressed concrete; Analysis of beam sections at transfer and service loads.

**Steel Structures:** Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Plastic analysis of beams and frames.

### **Geotechnical Engineering**

**Soil Mechanics:** Origin of soils, soil structure and fabric; Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Darcy's law; Seepage through soils - two-dimensional flow, flow nets, uplift pressure, piping; Principle of effective stress, capillarity, seepage force and quicksand condition; Compaction in laboratory and field conditions; One-dimensional consolidation, time rate of consolidation; Mohr's circle, stress paths, effective and total shear strength parameters, characteristics of clays and sand.

**Foundation Engineering:** Sub-surface investigations - scope, drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes - finite and infinite slopes, method of slices and Bishop's method; Stress distribution in soils - Boussinesq's and Westergaard's theories, pressure bulbs; Shallow foundations - Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and

clays; Deep foundations - types of piles, dynamic and static formulae, load capacity of piles in sands and clays, pile load test, negative skin friction.

### **Water Resources Engineering**

**Fluid Mechanics:** Properties of fluids, fluid statics; Continuity, momentum, energy and corresponding equations; Potential flow, applications of momentum and energy equations; Laminar and turbulent flow; Flow in pipes, pipe networks; Concept of boundary layer and its growth.

**Hydraulics:** Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Kinematics of flow, velocity triangles; Basics of hydraulic machines, specific speed of pumps and turbines; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, slope profile, hydraulic jump, uniform flow and gradually varied flow

**Hydrology:** Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, flood estimation and routing, reservoir capacity, reservoir and channel routing, surface run-off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's law.

**Irrigation:** Duty, delta, estimation of evapo-transpiration; Crop water requirements; Design of lined and unlined canals, head works, gravity dams and spillways; Design of weirs on permeable foundation; Types of irrigation systems, irrigation methods; Water logging and drainage; Canal regulatory works, cross-drainage structures, outlets and escapes.

### **Environmental Engineering**

**Water and Waste Water:** Quality standards, basic unit processes and operations for water treatment. Drinking water standards, water requirements, basic unit operations and unit processes for surface water treatment, distribution of water. Sewage and sewerage treatment, quantity and characteristics of wastewater. Primary, secondary and tertiary treatment of wastewater, effluent discharge standards. Domestic wastewater treatment, quantity of characteristics of domestic wastewater, primary and secondary treatment. Unit operations and unit processes of domestic wastewater, sludge disposal.

**Air Pollution:** Types of pollutants, their sources and impacts, air pollution meteorology, air pollution control, air quality standards and limits.

**Municipal Solid Wastes:** Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

**Noise Pollution:** Impacts of noise, permissible limits of noise pollution, measurement of noise and control of noise pollution.

### **Transportation Engineering**

**Transportation Infrastructure:** Highway alignment and engineering surveys; Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments; Geometric design of railway track; Airport runway length, taxiway and exit taxiway design.

**Highway Pavements:** Highway materials - desirable properties and quality control tests; Design of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible pavement using IRC: 37-2012; Design of rigid pavements using IRC: 58-2011; Distresses in concrete pavements.

**Traffic Engineering:** Traffic studies on flow, speed, travel time - delay and O-D study, PCU, peak hour factor, parking study, accident study and analysis, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Control devices, signal design by Webster's method; Types of intersections and channelization; Highway capacity and level of service of rural highways and urban roads.

### **Geomatics Engineering**

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves.

Photogrammetry - scale, flying height; Remote sensing - basics, platform and sensors, visual image interpretation; Basics of Geographical information system (GIS) and Geographical Positioning system (GPS).

## SYLLABUS OF ELECTRICAL ENGG.

### **Engineering Mathematics**

**Linear Algebra:** Matrix Algebra, Systems of linear equations, Eigenvalues, Eigenvectors.

**Calculus:** Mean value theorems, Theorems of integral calculus, Evaluation of definite and improper integrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series, Vector identities, Directional derivatives, Line integral, Surface integral, Volume integral, Stokes's theorem, Gauss's theorem, Green's theorem.

**Differential equations:** First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Method of variation of parameters, Cauchy's equation, Euler's equation, Initial and boundary value problems, Partial Differential Equations, Method of separation of variables.

**Complex variables:** Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, Taylor series, Laurent series, Residue theorem, Solution integrals.

**Probability and Statistics:** Sampling theorems, Conditional probability, Mean, Median, Mode, Standard Deviation, Random variables, Discrete and Continuous distributions, Poisson distribution, Normal distribution, Binomial distribution, Correlation analysis, Regression analysis.

**Numerical Methods:** Solutions of nonlinear algebraic equations, Single and Multi-step methods for differential equations.

**Transform Theory:** Fourier Transform, Laplace Transform, z-Transform.

### ***Electrical Engineering***

#### **Electric Circuits**

Network graph, KCL, KVL, Node and Mesh analysis, Transient response of dc and ac networks, Sinusoidal steady-state analysis, Resonance, Passive filters, Ideal current and voltage sources, Thevenin's theorem, Norton's theorem, Superposition theorem, Maximum power transfer theorem, Two-port networks, Three phase circuits, Power and power factor in ac circuits.

#### **Electromagnetic Fields**

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl,



Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

### **Signals and Systems**

Representation of continuous and discrete-time signals, Shifting and scaling operations, Linear Time Invariant and Causal systems, Fourier series representation of continuous periodic signals, Sampling theorem, Applications of Fourier Transform, Laplace Transform and z-Transform.

### **Electrical Machines**

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three phase transformers: connections, parallel operation; Auto-transformer, Electromechanical energy conversion principles, DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, starting and speed control of dc motors; Three phase induction motors: principle of operation, types, performance, torque-speed characteristics, no-load and blocked rotor tests, equivalent circuit, starting and speed control; Operating principle of single phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance, regulation and parallel operation of generators, starting of synchronous motor, characteristics; Types of losses and efficiency calculations of electric machines.

### **Power Systems**

Power generation concepts, ac and dc transmission concepts, Models and performance of transmission lines and cables, Series and shunt compensation, Electric field distribution and insulators, Distribution systems, Per-unit quantities, Bus admittance matrix, Gauss-Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of over-current, differential and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

### **Control Systems**

Mathematical modeling and representation of systems, Feedback principle, transfer function, Block diagrams and Signal flow graphs, Transient and Steady-state analysis of linear time invariant systems, Routh-Hurwitz and Nyquist criteria, Bode plots, Root loci, Stability analysis, Lag, Lead and Lead-Lag compensators; P, PI and PID controllers; State space model, State transition matrix.

## **Electrical and Electronic Measurements**

Bridges and Potentiometers, Measurement of voltage, current, power, energy and power factor; Instrument transformers, Digital voltmeters and multimeters, Phase, Time and Frequency measurement; Oscilloscopes, Error analysis.

## **Analog and Digital Electronics**

Characteristics of diodes, BJT, MOSFET; Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: Biasing, Equivalent circuit and Frequency response; Oscillators and Feedback amplifiers; Operational amplifiers: Characteristics and applications; Simple active filters, VCOs and Timers, Combinational and Sequential logic circuits, Multiplexer, Demultiplexer, Schmitt trigger, Sample and hold circuits, A/D and D/A converters, 8085 Microprocessor: Architecture, Programming and Interfacing.

## **Power Electronics**

Characteristics of semiconductor power devices: Diode, Thyristor, Triac, GTO, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost converters; Single and three phase configuration of uncontrolled rectifiers, Line commutated thyristor based converters, Bidirectional ac to dc voltage source converters, Issues of line current harmonics, Power factor, Distortion factor of ac to dc converters, Single phase and three phase inverters, Sinusoidal pulse width modulation

## SYLLABUS OF MECHANICAL ENGG.

### Engineering Mathematics

**Linear Algebra:** Matrix algebra, systems of linear equations, eigenvalues and eigenvectors.

**Calculus:** Functions of single variable, limit, continuity and differentiability, mean value theorems, indeterminate forms; evaluation of definite and improper integrals; double and triple integrals; partial derivatives, total derivative, Taylor series (in one and two variables), maxima and minima, Fourier series; gradient, divergence and curl, vector identities, directional derivatives, line, surface and volume integrals, applications of Gauss, Stokes and Green's theorems.

**Differential equations:** First order equations (linear and nonlinear); higher order linear differential equations with constant coefficients; Euler-Cauchy equation; initial and boundary value problems; Laplace transforms; solutions of heat, wave and Laplace's equations.

**Complex variables:** Analytic functions; Cauchy-Riemann equations; Cauchy's integral theorem and integral formula; Taylor and Laurent series.

**Probability and Statistics:** Definitions of probability, sampling theorems, conditional probability; mean, median, mode and standard deviation; random variables, binomial, Poisson and normal distributions.

**Numerical Methods:** Numerical solutions of linear and non-linear algebraic equations; integration by trapezoidal and Simpson's rules; single and multi-step methods for differential equations.

### Applied Mechanics and Design

**Engineering Mechanics:** Free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations, collisions.

**Mechanics of Materials:** Stress and strain, elastic constants, Poisson's ratio; Mohr's circle for plane stress and plane strain; thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; energy methods; thermal stresses; strain gauges and rosettes; testing of materials with universal testing machine; testing of hardness and impact strength.

**Theory of Machines:** Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscope.

**Vibrations:** Free and forced vibration of single degree of freedom systems, effect of damping; vibration isolation; resonance; critical speeds of shafts.

**Machine Design:** Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and welded joints; shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs.

### **Fluid Mechanics and Thermal Sciences**

**Fluid Mechanics:** Fluid properties; fluid statics, manometry, buoyancy, forces on submerged bodies, stability of floating bodies; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; dimensional analysis; viscous flow of incompressible fluids, boundary layer, elementary turbulent flow, flow through pipes, head losses in pipes, bends and fittings.

**Heat-Transfer:** Modes of heat transfer; one dimensional heat conduction, resistance concept and electrical analogy, heat transfer through fins; unsteady heat conduction, lumped parameter system, Heisler's charts; thermal boundary layer, dimensionless parameters in free and forced convective heat transfer, heat transfer correlations for flow over flat plates and through pipes, effect of turbulence; heat exchanger performance, LMTD and NTU methods; radiative heat transfer, Stefan-Boltzmann law, Wien's displacement law, black and grey surfaces, view factors, radiation network analysis.

**Thermodynamics:** Thermodynamic systems and processes; properties of pure substances, behaviour of ideal and real gases; zeroth and first laws of thermodynamics, calculation of work and heat in various processes; second law of thermodynamics; thermodynamic property charts and tables, availability and irreversibility; thermodynamic relations.

**Applications:** Power Engineering: Air and gas compressors; vapour and gas power cycles, concepts of regeneration and reheat. I.C. Engines: Air-standard Otto, Diesel and dual cycles. Refrigeration and air-conditioning: Vapour and gas refrigeration and heat pump cycles; properties of moist air, psychrometric chart, basic psychrometric processes. Turbomachinery: Impulse and reaction principles, velocity diagrams, Pelton-wheel, Francis and Kaplan turbines.

## **Materials, Manufacturing and Industrial Engineering**

**Engineering Materials:** Structure and properties of engineering materials, phase diagrams, heat treatment, stress-strain diagrams for engineering materials.

**Casting, Forming and Joining Processes:** Different types of castings, design of patterns, moulds and cores; solidification and cooling; riser and gating design. Plastic deformation and yield criteria; fundamentals of hot and cold working processes; load estimation for bulk (forging, rolling, extrusion, drawing) and sheet (shearing, deep drawing, bending) metal forming processes; principles of powder metallurgy. Principles of welding, brazing, soldering and adhesive bonding.

**Machining and Machine Tool Operations:** Mechanics of machining; basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; economics of machining; principles of non-traditional machining processes; principles of work holding, design of jigs and fixtures.

**Metrology and Inspection:** Limits, fits and tolerances; linear and angular measurements; comparators; gauge design; interferometry; form and finish measurement; alignment and testing methods; tolerance analysis in manufacturing and assembly.

**Computer Integrated Manufacturing:** Basic concepts of CAD/CAM and their integration tools.

**Production Planning and Control:** Forecasting models, aggregate production planning, scheduling, materials requirement planning.

**Inventory Control:** Deterministic models; safety stock inventory control systems.

**Operations Research:** Linear programming, simplex method, transportation, assignment, network flow models, simple queuing models, PERT and CPM

## SYLLABUS OF PRODUCTION ENGG.

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## SYLLABUS OF MANAGEMENT

- Managerial Economics – Demand Analysis
- Production Function
- Cost – Output Relations
- Market Structures
- Pricing Theories
- Advertising
- Macro – Economics
- National Income Concepts
- Infrastructure – Management and Policy
- Business Environment
- Capital Budgeting

The concept and significance of organisational behaviour – Skills and Roles in an organisation – Classical, Neo – Classical and Modern Theories of Organisational Structure – Organisational Design – Understanding and Managing individual behaviour personality – Perception – Values – Attitudes – Learning – Motivation.

Understanding and Managing Group Behaviour, Processes – Inter – personal and group dynamics – Communication – Leadership – Managing change – Managing conflicts.

Organisational Development.

Concepts and perspectives in HRM; HRM in changing environment.

Human Resource Planning – Objectives, Process and Techniques.

Job analysis – Job Description.

Selecting Human Resources.

Induction, Training and Development.

Exit policy and Implications.

Performance Appraisal and Evaluation.

Potential Assessment.

Job Evaluation.

Wage Determination.

Industrial Relations and Trade Unions.

Dispute Resolution and Grievance Management.  
Labour Welfare and Social Security Measures.

Financial Management – Nature and Scope.  
Valuation Concepts and Valuation of Securities.  
Capital Budgeting Decisions – Risk Analysis.  
Capital Structure and Cost of Capital.  
Dividend Policy – Determinants.  
Long – Term and Short – Term Financing Instruments.  
Mergers and Acquisitions.

Marketing Environment and Environment Scanning; Marketing Information Systems and Marketing Research; Understanding Consumer and Industrial Markets; Demand Measurement and Forecasting; Market Segmentation – Targeting and Positioning; Product Decisions, Product mix, Product Life Cycle; New Product Development; Branding and Packaging; Pricing Methods and Strategies.  
Promotion Decisions – Promotion mix; Advertising; Personal Selling; Channel Management; Vertical Marketing Systems; Evaluation and Control of Marketing Effort; Marketing of Services; Customer Relation Management;  
Uses of Internet as a Marketing Medium – Other related issues like branding, market development, Advertising and retailing on the net.  
New issues in Marketing.

Role and Scope of Production Management; Facility Location; Layout Planning and Analysis; Production Planning and Control – Production Process Analysis; Demand Forecasting for Operations; Determinants of Product mix; Production Scheduling; Work measurement; Time and Motion Study; Statistical Quality Control.  
Role and Scope of Operations Research; Linear Programming; Sensitivity Analysis; Duality; Transportation Model; Inventory Control; Queueing Theory; Decision Theory; Markov Analysis; PERT / CPM.

Probability Theory; Probability distributions – Binomial, Poisson, Normal and Exponential; Correlation and Regression analysis; Sampling theory; Sampling distributions; Tests of Hypothesis; Large and small samples; t z, F, Chi – square tests.

Use of Computers in Managerial applications; Technology issues and Data processing in organizations; Information systems; MIS and Decision making; System analysis and design; Trends in Information Technology; Internet and Internet – based applications.

Concept of Corporate Strategy; Components of Strategy Formulation; Ansoffs Growth Vector; BCG Model; Porter's Generic Strategies; Competitor Analysis; Strategic Dimensions and Group Mapping; Industry Analysis; Strategies in Industry Evolution, Fragmentation, Maturity, and decline.

Competitive strategy and Corporate Strategy; Transnationalization of World Economy; Managing Cultural Diversity; Global Entry Strategies; Globalisation of Financial System and Services; Managing International Business; Competitive Advantage of Nations; RTP and WTO.

Concepts – Types, Characteristics; Motivation; Competencies and its development; Innovation and Entrepreneurship; Small business – Concepts Government policy for promotion of small and tiny enterprises; Process of Business Opportunity Identification; Detailed business plan preparation; Managing small enterprises; Planning for growth; Sickness in Small Enterprises; Rehabilitation of Sick Enterprises; Intrapreneurship (Organisational Entrepreneurship).

Ethics and Management System; Ethical issues and Analysis in Management; Value based organisations; Personal framework for ethical choices;

Ethical pressure on individual in organisations; Gender issues; Ecological consciousness; Environmental ethics; Social responsibilities of business; Corporate governance and ethics.

- Human Resource Management ( HRM ) – Significance; Objectives; Functions; A diagnostic model; External and Internal environment;

- Forces and Influences; Organizing HRM function.
- Recruitment and Selection – Sources of recruits; Recruiting methods; Selection procedure; Selection tests; Placement and Follow-up.
- Performance Appraisal System – Importance and Objectives; Techniques of appraisal system; New trends in appraisal system.
- Development of Personnel – Objectives; Determining Needs; Methods of Training & Development programs; Evaluation.
- Career Planning and Development – Concept of career; Career planning and development methods.
- Compensation and Benefits – Job evaluation techniques; Wage and salary administration; Fringe Benefits; Human resource records and audit.
- Employee Discipline – importance; causes and forms; Disciplinary action; Domestic enquiry.
- Grievance Management – Importance; Process and Practices; Employee Welfare and Social Security Measures.
- Industrial Relations – Importance; Industrial conflicts; Causes; Dispute settlement machinery.
- Trade Unions – Importance of Unionism; Union leadership; National Trade Union Movement.
- Collective Bargaining – Concept; Process; Pre-requisites; New trends in collective bargaining.
- Industrial Democracy and Employee Participation – Need for industrial democracy; Pre – requisites for industrial democracy; Employee Participation – Objectives; Forms of Employee Participation.
- Future of Human Resource Management.
  
- Marketing – Concept; Nature and Scope; Marketing myopia; Marketing mix; Different environments and their influences on marketing; Understanding the customer and competition.

- Role and Relevance of Segmentation and Positioning; Static and Dynamic understanding of BCG Matrix and Product Life Cycle; Brands – Meaning and Role; Brand building strategies; Share increasing strategies.
- Pricing objectives; Pricing concepts; Pricing methods.
- Product – Basic and Augmented stages in New Product Developments
- Test Marketing Concepts.
- Promotion mix – Role and Relevance of advertising Sales promotion – media planning and management.
- Advertising – Planning, execution and evaluation.
- Different tools used in sales promotion and their specific advantages and limitations.
- Public Relations – Concept and Relevance.
- Distribution channel hierarchy; Role of each member in the channel; Analysis of business potential and evaluation of performance of the channel members.
- Wholesaling and Retailing – Different types and the strengths of each one; Emerging issues in different kinds of retailing in India.
- Marketing Research – Sources of Information; Data Collection; Basic Tools used in Data Analysis; Structuring a Research Report.
- Marketing to Organisations – Segmentation Models; Buyer behaviour models; Organisational, buying process.
- Consumer Behaviour theories and models and their specific relevance to marketing managers.
- Sales Function – Role of technology in automation of sales function Customer relationship management including the concept of ‘Relationship Marketing’.
- Use of internet as a medium of marketing; Managerial issues in reaching consumers / organisation through internet.
- Structuring and managing marketing organisations.
- Export Marketing – Indian and global context.

- Nature and Scope of Financial Management.
  - Valuation Concepts – Risk and Return; Valuation of Securities; Pricing Theories – Capital asset pricing model and Arbitrage pricing theory – Understanding financial statements and analysis thereof.
  - Capital budgeting decisions; Risk analysis in capital budgeting and Long – Term sources of finance.
  - Capital Structure – Theories and Factors; Cost of capital.
  - Dividend Policies – Theories and Determinants.
  - Working Capital Management – Determinants and Financing; Cash management; Inventory management; Receivables management.
  - Elements of Derivatives.
  - Corporate risk management.
  - Mergers and Acquisitions.
  - International Financial Management.
- 
- India's Foreign Trade and Policy; Export promotion policies; Trade agreements with other countries; Policy and performance of Export zones and Export – oriented units; Export incentives.
  - International marketing logistics; International logistical structures; Export Documentation framework; Organization of shipping services; Chartering practices; Marine cargo insurance.
  - International financial environment; Foreign exchange markets; Determination of exchange rates; Exchange risk measurement; International investment; International capital markets; International Credit Rating Agencies and Implications of their ratings.
  - WTO and Multilateral trade agreements pertaining to trade in goods; trade in services and TRIPS; Multilateral Environmental Agreements (MEAs); International Trade Blocks – NAFTA, ASEAN, SAARC, EU, WTO and Dispute Settlement Mechanism.
  - Technology monitoring; Emerging Opportunities for Global Business.

## SYLLABUS OF CHEMISTRY

### Physical Chemistry

**Structure:** Postulates of quantum mechanics. Time dependent and time independent Schrödinger equations. Born interpretation. Particle in a box. Harmonic oscillator. Rigid rotor. Hydrogen atom: atomic orbitals. Multi-electron atoms: orbital approximation. Variation and first order perturbation techniques. Chemical bonding: Valence bond theory and LCAO-MO theory. Hybrid orbitals. Applications of LCAO-MOT to  $H_2^+$ ,  $H_2$  and other homonuclear diatomic molecules, heteronuclear diatomic molecules like HF, CO, NO, and to simple delocalized – electron systems. Hückel approximation and its application to annular – electron systems. Symmetry elements and operations. Point groups and character tables. Origin of selection rules for rotational, vibrational, electronic and Raman spectroscopy of diatomic and polyatomic molecules. Einstein coefficients. Relationship of transition moment integral with molar extinction coefficient and oscillator strength. Basic principles of nuclear magnetic resonance: nuclear  $g$  factor, chemical shift, nuclear coupling.

**Equilibrium:** Laws of thermodynamics. Standard states. Thermochemistry. Thermodynamic functions and their relationships: Gibbs-Helmholtz and Maxwell relations, van't Hoff equation. Criteria of spontaneity and equilibrium. Absolute entropy. Partial molar quantities. Thermodynamics of mixing. Chemical potential. Fugacity, activity and activity coefficients. Chemical equilibria. Dependence of equilibrium constant on temperature and pressure. Non-ideal solutions. Ionic mobility and conductivity. Debye-Hückel limiting law. Debye-Hückel-Onsager equation. Standard electrode potentials and electrochemical cells. Potentiometric and conductometric titrations. Phase rule. Clausius-Clapeyron equation. Phase diagram of one component systems:  $CO_2$ ,  $H_2O$ , S; two component systems: liquid-vapour, liquid-liquid and solid-liquid systems. Fractional distillation. Azeotropes and eutectics. Statistical thermodynamics: microcanonical and canonical ensembles, Boltzmann distribution, partition functions and thermodynamic properties.

**Kinetics:** Transition state theory: Eyring equation, thermodynamic aspects. Potential energy surfaces and classical trajectories. Elementary, parallel, opposing and consecutive reactions. Steady state approximation. Mechanisms of complex reactions. Unimolecular reactions. Kinetics of polymerization and enzyme catalysis. Fast reaction kinetics: relaxation and flow methods. Kinetics of photochemical and photophysical processes.

**Surfaces and Interfaces:** Physisorption and chemisorption. Langmuir, Freundlich and BET isotherms. Surface catalysis: Langmuir-Hinshelwood mechanism. Surface tension, viscosity. Self-assembly. Physical chemistry of colloids, micelles and macromolecules.

### **Inorganic Chemistry**

**Main Group Elements:** Hydrides, halides, oxides, oxoacids, nitrides, sulfides – shapes and reactivity. Structure and bonding of boranes, carboranes, silicones, silicates, boron nitride, borazines and phosphazenes. Allotropes of carbon. Chemistry of noble gases, pseudohalogens, and interhalogen compounds. Acid-base concepts.

**Transition Elements:** Coordination chemistry – structure and isomerism, theories of bonding (VBT, CFT, and MOT). Energy level diagrams in various crystal fields, CFSE, applications of CFT, Jahn-Teller distortion. Electronic spectra of transition metal complexes: spectroscopic term symbols, selection rules, Orgel diagrams, charge-transfer spectra. Magnetic

properties of transition metal complexes. Reaction mechanisms: kinetic and thermodynamic stability, substitution and redox reactions.

**Lanthanides and Actinides:** Recovery. Periodic properties, spectra and magnetic properties.

**Organometallics:** 18-Electron rule; metal-alkyl, metal-carbonyl, metal-olefin and metal-carbene complexes and metallocenes. Fluxionality in organometallic complexes. Types of organometallic reactions. Homogeneous catalysis - Hydrogenation, hydroformylation, acetic acid synthesis, metathesis and olefin oxidation. Heterogeneous catalysis - Fischer-Tropsch reaction, Ziegler-Natta polymerization.

**Radioactivity:** Decay processes, half-life of radioactive elements, fission and fusion processes.

**Bioinorganic Chemistry:** Ion ( $\text{Na}^+$  and  $\text{K}^+$ ) transport, oxygen binding, transport and utilization, electron transfer reactions, nitrogen fixation, metalloenzymes containing magnesium, molybdenum, iron, cobalt, copper and zinc.

**Solids:** Crystal systems and lattices, Miller planes, crystal packing, crystal defects, Bragg's law, ionic crystals, structures of AX, AX<sub>2</sub>, ABX<sub>3</sub> type compounds, spinels, band theory, metals and semiconductors.

**Instrumental Methods of Analysis:** UV-visible spectrophotometry, NMR and ESR spectroscopy, mass spectrometry. Chromatography including GC and HPLC. Electroanalytical methods- polarography, cyclic voltammetry, ion-selective electrodes. Thermoanalytical methods.



## Organic Chemistry

**Stereochemistry:** Chirality of organic molecules with or without chiral centres and determination of their absolute configurations. Relative stereochemistry in compounds having more than one stereogenic centre. Homotopic, enantiotopic and diastereotopic atoms, groups and faces. Stereoselective and stereospecific synthesis. Conformational analysis of acyclic and cyclic compounds. Geometrical isomerism. Configurational and conformational effects, and neighbouring group participation on reactivity and selectivity/specificity.

**Reaction Mechanisms:** Basic mechanistic concepts – kinetic *versus* thermodynamic control, Hammond's postulate and Curtin-Hammett principle. Methods of determining reaction mechanisms through identification of products, intermediates and isotopic labeling. Nucleophilic and electrophilic substitution reactions (both aromatic and aliphatic). Addition reactions to carbon-carbon and carbon-heteroatom (N,O) multiple bonds. Elimination reactions. Reactive intermediates – carbocations, carbanions, carbenes, nitrenes, arynes and free radicals. Molecular rearrangements involving electron deficient atoms.

**Organic Synthesis:** Synthesis, reactions, mechanisms and selectivity involving the following classes of compounds – alkenes, alkynes, arenes, alcohols, phenols, aldehydes, ketones, carboxylic acids, esters, nitriles, halides, nitro compounds, amines and amides. Uses of Mg, Li, Cu, B, Zn and Si based reagents in organic synthesis. Carbon-carbon bond formation through coupling reactions - Heck, Suzuki, Stille and Sonogoshira. Concepts of multistep synthesis - retrosynthetic analysis, strategic disconnections, synthons and synthetic equivalents. Umpolung reactivity – formyl and acyl anion equivalents. Selectivity in organic synthesis – chemo-, regio- and stereoselectivity. Protection and deprotection of functional groups. Concepts of asymmetric synthesis – resolution (including enzymatic), desymmetrization and use of chiral auxiliaries. Carbon-carbon bond forming reactions through enolates (including boron enolates), enamines and silyl enol ethers. Michael addition reaction. Stereoselective addition to C=O groups (Cram and Felkin-Anh models).

**Pericyclic Reactions and Photochemistry:** Electrocyclic, cycloaddition and sigmatropic reactions. Orbital correlations - FMO and PMO treatments. Photochemistry of alkenes, arenes and carbonyl compounds. Photooxidation and photoreduction. Di- -methane rearrangement, Barton reaction

**Heterocyclic Compounds:** Structure, preparation, properties and reactions of furan, pyrrole, thiophene, pyridine, indole, quinoline and isoquinoline.

**Biomolecules:** Structure, properties and reactions of mono- and di-saccharides, physicochemical properties of amino acids, chemical synthesis of peptides, structural features of proteins, nucleic acids, steroids, terpenoids, carotenoids, and alkaloids.

**Spectroscopy:** Applications of UV-visible, IR, NMR and Mass spectrometry in the structural determination of organic molecules.

## SYLLABUS OF METALLURGICAL & MATERIALS ENGINEERING

### Engineering Mathematics

**Linear Algebra:** Matrices and Determinants, Systems of linear equations, Eigen values and Eigen vectors.

**Calculus:** Limit, continuity and differentiability; Partial derivatives; Maxima and minima; Sequences and series; Test for convergence; Fourier series.

**Vector Calculus:** Gradient; Divergence and Curl; Line, Surface and volume integrals; Stokes, Gauss and Green's theorems.

**Differential Equations:** Linear and non-linear first order ODEs; Higher order linear ODEs with constant coefficients; Cauchy's and Euler's equations; Laplace transforms; PDEs –Laplace, one dimensional heat and wave equations.

**Probability and Statistics:** Definitions of probability and sampling theorems, conditional probability, Mean, median, mode and standard deviation; Random variables; Poisson, normal and binomial distributions; Correlation and regression analysis.

**Numerical Methods:** Solutions of linear and non-linear (Bisection, Secant, Newton-Raphson methods) algebraic equations; integration by trapezoidal and Simpson's rule; single and multi-step methods for differential equations.

### Thermodynamics and Rate Processes

Laws of thermodynamics, activity, equilibrium constant, applications to metallurgical systems, solutions, phase equilibria, Ellingham and phase stability diagrams, thermodynamics of surfaces, interfaces and defects, adsorption and segregation; basic kinetic laws, order of reactions, rate constants and rate limiting steps; principles of electro chemistry- single electrode potential, electrochemical cells and polarizations, aqueous corrosion and protection of metals, galvanic corrosion, crevice corrosion, pitting corrosion, intergranular corrosion, selective leaching, oxidation and high temperature corrosion – characterization and control; heat transfer – conduction, convection and heat transfer coefficient relations, radiation, mass transfer – diffusion and Fick's laws, mass transfer coefficients; momentum transfer – concepts of viscosity, shell balances, Bernoulli's equation, friction factors.

## **Extractive Metallurgy**

Minerals of economic importance, comminution techniques, size classification, flotation, gravity and other methods of mineral processing; agglomeration, pyro-, hydro-, and electro-metallurgical processes; material and energy balances; principles and processes for the extraction of non-ferrous metals – aluminium, copper, zinc, lead, magnesium, nickel, titanium and other rare metals; iron and steel making – principles, role structure and properties of slags, metallurgical coke, blast furnace, direct reduction processes, primary and secondary steel making, ladle metallurgy operations including deoxidation, desulphurization, sulphide shape control, inert gas rinsing and vacuum reactors; secondary refining processes including AOD, VAD, VOD, VAR and ESR; ingot and continuous casting; stainless steel making, furnaces and refractories.

## **Physical Metallurgy**

Crystal structure and bonding characteristics of metals, alloys, ceramics and polymers, structure of surfaces and interfaces, nano-crystalline and amorphous structures; solid solutions; solidification; phase transformation and binary phase diagrams; principles of heat treatment of steels, cast iron and aluminium alloys; surface treatments; recovery, recrystallization and grain growth; structure and properties of industrially important ferrous and non-ferrous alloys; elements of X-ray and electron diffraction; principles of optical, scanning and transmission electron microscopy; industrial ceramics, polymers and composites; introduction to electronic basis of thermal, optical, electrical and magnetic properties of materials; introduction to electronic and opto-electronic materials.

## **Mechanical Metallurgy**

Elasticity, yield criteria and plasticity; defects in crystals; elements of dislocation theory – types of dislocations, slip and twinning, source and multiplication of dislocations, stress fields around dislocations, partial dislocations, dislocation interactions and reactions; strengthening mechanisms; tensile, fatigue and creep behaviour; superplasticity; fracture – Griffith theory, basic concepts of linear elastic and elastoplastic fracture mechanics, ductile to brittle transition, fracture toughness; failure analysis; mechanical testing – tension, compression, torsion, hardness, impact, creep, fatigue, fracture toughness and formability.

## **Manufacturing Processes**

Metal casting – patterns and moulds including mould design involving feeding, gating and risering, melting, casting practices in sand casting, permanent mould casting, investment casting and shell moulding, casting defects and repair; Hot, warm and cold working of metals; Metal forming – fundamentals of metal forming processes of rolling, forging, extrusion, wire drawing and sheet metal forming, defects in forming; Metal joining – soldering, brazing and welding, common welding processes of shielded metal arc welding, gas metal arc welding, gas tungsten arc welding and submerged arc welding; Welding metallurgy, problems associated with welding of steels and aluminium alloys, defects in welded joints; Powder metallurgy – production of powders, compaction and sintering; NDT using dye-penetrant, ultrasonic, radiography, eddy current, acoustic emission and magnetic particle methods.

## **SYLLABUS OF ECONOMICS**

Introduction to Economics: definition, scope and nature of economics, consumption laws, demand & supply analysis, elasticity of demand, indifference curve analysis, consumer surplus and its application.

Production : factors of production, production function, law of variable proportion, laws of return to scale, elasticity of factor-substitution, optimal combination of factor-inputs, production efficiency, economies of scales,

Cost of Production: types of costs, economic costs: fixed cost and variable costs, Average and Marginal costs, short-run and long-run cost functions.

Market Structure: pure competition, perfect competition, imperfect market, monopoly and oligopoly. Indian Banking System, Functions and Roles of Commercial Banks and Reserve Bank of India.

Foundations of Engineering Economics, Time value of money and interest formulae, Nominal and effective rate of interest, Present, Annual and Future worth analysis, Rate of Return Analysis, Cost-Benefit analysis in Public sector projects.

## SYLLABUS OF PHYSICS

Section 1: Mathematical Physics Linear vector space: basis, orthogonality and completeness; matrices; vector calculus; linear differential equations; elements of complex analysis: Cauchy-Riemann conditions, Cauchy's theorems, singularities, residue theorem and applications; Laplace transforms, Fourier analysis; elementary ideas about tensors: covariant and contravariant tensor, Levi-Civita and Christoffel symbols.

Section 2: Classical Mechanics D'Alembert's principle, cyclic coordinates, variational principle, Lagrange's equation of motion, central force and scattering problems, rigid body motion; small oscillations, Hamilton's formalisms; Poisson bracket; special theory of relativity: Lorentz transformations, relativistic kinematics, mass-energy equivalence.

Section 3: Electromagnetic Theory Solutions of electrostatic and magnetostatic problems including boundary value problems; dielectrics and conductors; Maxwell's equations; scalar and vector potentials; Coulomb and Lorentz gauges; Electromagnetic waves and their reflection, refraction, interference, diffraction and polarization; Poynting vector, Poynting theorem, energy and momentum of electromagnetic waves; radiation from a moving charge.

Section 4: Quantum Mechanics Postulates of quantum mechanics; uncertainty principle; Schrodinger equation; one-, two- and three-dimensional potential problems; particle in a box, transmission through one dimensional potential barriers, harmonic oscillator, hydrogen atom; linear vectors and operators in Hilbert space; angular momentum and spin; addition of angular momenta; time independent perturbation theory; elementary scattering theory.

Section 5: Thermodynamics and Statistical Physics Laws of thermodynamics; macrostates and microstates; phase space; ensembles; partition function, free energy, calculation of thermodynamic quantities; classical and quantum statistics; degenerate Fermi gas; black body radiation and Planck's distribution law; Bose-Einstein condensation; first and second order phase transitions, phase equilibria, critical point.

Section 6: Atomic and Molecular Physics Spectra of one- and many-electron atoms; LS and jj coupling; hyperfine structure; Zeeman and Stark effects; electric dipole transitions and selection rules; rotational and vibrational spectra of diatomic molecules; electronic transition in diatomic molecules, Franck-Condon principle; Raman effect; NMR, ESR, X-ray spectra; lasers: Einstein

coefficients, population inversion, two and three level systems. Section 7: Solid State Physics & Electronics Elements of crystallography; diffraction methods for structure determination; bonding in solids; lattice vibrations and thermal properties of solids; free electron theory; band theory of solids: nearly free electron and tight binding models; metals, semiconductors and insulators; conductivity, mobility and effective mass; optical, dielectric and magnetic properties of solids; elements of superconductivity: Type-I and Type II superconductors, Meissner effect, London equation. Semiconductor devices: diodes, Bipolar Junction Transistors, Field Effect Transistors; operational amplifiers: negative feedback circuits, active filters and oscillators; regulated power supplies; basic digital logic circuits, sequential circuits, flip-flops, counters, registers, A/D and D/A conversion. Section 8: Nuclear and Particle Physics Nuclear radii and charge distributions, nuclear binding energy, Electric and magnetic moments; nuclear models, liquid drop model: semi-empirical mass formula, Fermi gas model of nucleus, nuclear shell model; nuclear force and two nucleon problem; alpha decay, beta-decay, electromagnetic transitions in nuclei; Rutherford scattering, nuclear reactions, conservation laws; fission and fusion; particle accelerators and detectors; elementary particles, photons, baryons, mesons and leptons; quark model.



## SYLLABUS OF CHEMICAL ENGINEERING

Section 1: Engineering Mathematics Linear Algebra: Matrix algebra, Systems of linear equations, Eigen values and eigenvectors. Calculus: Functions of single variable, Limit, continuity and differentiability, Taylor series, Mean value theorems, Evaluation of definite and improper integrals, Partial derivatives, Total derivative, Maxima and minima, Gradient, Divergence and Curl, Vector identities, Directional derivatives, Line, Surface and Volume integrals, Stokes, Gauss and Green's theorems. Differential equations: First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Cauchy's and Euler's equations, Initial and boundary value problems, Laplace transforms, Solutions of one dimensional heat and wave equations and Laplace equation. Complex variables: Complex number, polar form of complex number, triangle inequality. Probability and Statistics: Definitions of probability and sampling theorems, Conditional probability, Mean, median, mode and standard deviation, Random variables, Poisson, Normal and Binomial distributions, Linear regression analysis. Numerical Methods: Numerical solutions of linear and non-linear algebraic equations. Integration by trapezoidal and Simpson's rule. Single and multi-step methods for numerical solution of differential equations.

Section 2: Process Calculations and Thermodynamics Steady and unsteady state mass and energy balances including multiphase, multicomponent, reacting and non-reacting systems. Use of tie components; recycle, bypass and purge calculations; Gibb's phase rule and degree of freedom analysis. First and Second laws of thermodynamics. Applications of first law to close and open systems. Second law and Entropy. Thermodynamic properties of pure substances: Equation of State and residual properties, properties of mixtures: partial molar properties, fugacity, excess properties and activity coefficients; phase equilibria: predicting VLE of systems; chemical reaction equilibrium.

Section 3: Fluid Mechanics and Mechanical Operations Fluid statics, Newtonian and non-Newtonian fluids, shell-balances including differential form of Bernoulli equation and energy balance, Macroscopic friction factors, dimensional analysis and similitude, flow through pipeline systems, flow meters, pumps and compressors, elementary boundary layer theory, flow past immersed bodies including packed and fluidized beds, Turbulent flow: fluctuating velocity, universal velocity profile and pressure drop. Particle size and shape, particle size distribution,

size reduction and classification of solid particles; free and hindered settling; centrifuge and cyclones; thickening and classification, filtration, agitation and mixing; conveying of solids.

Section 4: Heat Transfer Steady and unsteady heat conduction, convection and radiation, thermal boundary layer and heat transfer coefficients, boiling, condensation and evaporation; types of heat exchangers and evaporators and their process calculations. Design of double pipe, shell and tube heat exchangers, and single and multiple effect evaporators.

Section 5: Mass Transfer Fick's laws, molecular diffusion in fluids, mass transfer coefficients, film, penetration and surface renewal theories; momentum, heat and mass transfer analogies; stage-wise and continuous contacting and stage efficiencies; HTU & NTU concepts; design and operation of equipment for distillation, absorption, leaching, liquid-liquid extraction, drying, humidification, dehumidification and adsorption.

Section 6: Chemical Reaction Engineering Theories of reaction rates; kinetics of homogeneous reactions, interpretation of kinetic data, single and multiple reactions in ideal reactors, non-ideal reactors; residence time distribution, single parameter model; non-isothermal reactors; kinetics of heterogeneous catalytic reactions; diffusion effects in catalysis.

Section 7: Instrumentation and Process Control Measurement of process variables; sensors, transducers and their dynamics, process modeling and linearization, transfer functions and dynamic responses of various systems, systems with inverse response, process reaction curve, controller modes (P, PI, and PID); control valves; analysis of closed loop systems including stability, frequency response, controller tuning, cascade and feed forward control.

Section 8: Plant Design and Economics Principles of process economics and cost estimation including depreciation and total annualized cost, cost indices, rate of return, payback period, discounted cash flow, optimization in process design and sizing of chemical engineering equipments such as compressors, heat exchangers, multistage contactors.

Section 9: Chemical Technology Inorganic chemical industries (sulfuric acid, phosphoric acid, chlor-alkali industry), fertilizers (Ammonia, Urea, SSP and TSP); natural products industries (Pulp and Paper, Sugar, Oil, and Fats); petroleum refining and petrochemicals; polymerization industries (polyethylene, polypropylene, PVC and polyester synthetic fibers).



**INDIRA GANDHI INSTITUTE OF TECHNOLOGY**

**SARANG:DHENKANAL( ODISHA) -759146**

(An Autonomous Institution of Govt. of Odisha)

No.IGIT/Estt:-461

Date:- 31.03.2017

**Corrigendum**

In partial modification to this office Notice No.IGIT/Estt-442 dtd.28.03.2017, it is for information of all the candidates that the written test schedule is here by modified as follows:

<b><u>Discipline</u></b>	<b><u>Scheduled time</u></b>
1. Civil Engg., Mechanical Engg., Electrical Engg., Chemical Engg. Physics, Chemistry & Economics	- 03.00 PM to 04.00 PM
2. Metallurgical & Materials Engg., Production Engg. & Management.	- 04.30 PM to 05.30 PM

All other information in the earlier Notice remain unaltered. The candidates are advised to refer the Institute website [www.igitsarang.ac.in](http://www.igitsarang.ac.in) periodically to get the updated information.

Sd/-  
REGISTRAR

Memo No.IGIT/Estt/Rectt./462

Date: **31.03.2017**

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