



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL 506 004

Ph.D. ADMISSIONS 2017-18

JULY, 2017 SESSION

In response to the advertisement for Ph.D admission for July 2017 session Department wise shortlisted candidates for written test/ interview is given below. The dates of interview will be announced soon but likely to be within 12 – 16 June 2017. Candidates are required to report to the respective Head of the Department on the scheduled day at 9 am with all the original certificates. The candidates are advised to come prepared to stay for one more day on their own in case the process is delayed.

CIVIL ENGINEERING

The Ph.D. Programs, in Full-time (FT) and Part-time (PT) modes, in Civil Engineering department are offered in the following specialisations:

1. Structural Engineering
2. Water Resources Engineering
3. Environmental Engineering
4. Geotechnical Engineering
5. Transportation Engineering
6. Remote Sensing and GIS
7. Construction Technology and Management

The admission process consists of written test and Interview. The written test will be conducted specialisation wise.

The specialisation wise written test consist of 40-multiple choice questions (Each question carries ONE mark) only and the duration of written test will be for **ONE HOUR**.

The B.Tech candidates who have applied for the PhD program in Civil Engineering are required to attend the written test in any one of the specialisations mentioned above only.

The following is the criteria for selecting candidates for Interview (Oral Exam) under different category.

Criteria:

The candidates securing marks greater than or equal to the average mark of the candidates who have attended the written test within the specialisation (OR) 10 Marks (Minimum) in the written examination within the specialisation, whichever is higher.

The following is the syllabus for the written test (Specialisation wise).

<p>1. Structural Engineering</p> <p>Structural Mechanics - Analysis of Flexure, Torsion, Shear, Compression and Tension - Analysis of Structures- Force and Stiffness methods - Concrete making materials and Technology- Design of Concrete , Steel Structures- Plastic analysis and design- Prestressed Concrete- simple and continuous beams- Structural Dynamics- Analysis of Free and Forced vibrations-Damping- Seismic design- Modal analysis-Finite Element method - Theory of Elasticity-Analysis of Stress and Strain.</p>
<p>2. Water Resources Engineering</p> <p>Fluid Mechanics-Continuity, Momentum and Energy equations- Potential flow- Laminar and Turbulent flow- Flow in Pipes-Boundary layer- Hydraulics-Energy depth relations-Specific Energy-Gradually varied flow- Unsteady free surface flow- Hydrologic Cycle-Precipitation, Evaporation, Watershed, Flood routing, Surface run-off models-Well hydraulics-Hydrograph analysis- Irrigation- Duty, Delta, Crop water requirements-Design of lined and un-lined canals.</p>
<p>3. Environmental Engineering</p> <p>Water and Waste water-Water standards-Surface water treatment-Distribution of water- Sewage and Sewerage treatment-Primary, secondary and tertiary treatment of waste water-Effluent discharge standards- Air pollution-air quality standards- Noise pollution-control and measurement-Municipal solid waste- characteristics-collection and transportation-Engineered systems for solid waste management.</p>
<p>4. Geotechnical Engineering</p> <p>Engineering properties of soils- Compaction and Consolidation-Foundation engineering- types of foundations – Shallow foundations -bearing capacity theories-Deep foundations; Earth pressure theories and earth retaining structures; Soil dynamics- free and forced vibrations; Rock mechanics-rock mass classification- laboratory and In-situ testing- foundations on rock-tunneling. Soil exploration- sampling, drilling, in-situ tests- bore logs</p>
<p>5. Transportation Engineering</p> <p>Urban transportation problems, travel demand estimation, Trip Generation & distribution models, mode split analysis, traffic assignment, corridor identification, stated preference methods, components of traffic system, traffic studies, microscopic & macroscopic traffic stream models, highway capacity, geometric design of traffic flow systems, design of at grade intersections, parking facilities, bicycle & pedestrian facilities-stresses in flexible & rigid pavements, design of flexible & rigid pavements, highway construction equipment, pavement construction, Evaluation of pavements, Pavement Maintenance.</p>
<p>6. Remote Sensing and GIS</p> <p>Remote sensing - Principles and fundamentals of Image Processing; Geographical Information Systems- Fundamentals and Advances, Surveying-Advances and GNSS, Photogrammetry -principles and applications</p>
<p>7. Construction Technology and Management</p> <p>Project Planning & Management-Network Scheduling-PERT, CPM Construction Techniques-RC & PSC, Modular construction practice-Construction Economics & Finance-Depreciation, Project appraisal Quantitative Methods in Construction Management-Linear and Dynamic programming-Construction Methods& Equipment-Equipment for Earth moving, Material transport, Pile driving, dewatering-Contract Management & Arbitration-types of contracts, disputes-Construction Materials-Concrete, polymers, Sealants</p>

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	N Naga Pavan Kumar	28	Darla Upendra
2	C.Santhosh Kumar	29	Lalam Govinda
3	Konapuram Prashanthi Kumari	30	Bhavani Sankar Reddy Bareddy
4	G Mohammed Ashfaq	31	Kiran Kumar Palukuri
5	Kotapati Vijaya Krishna	32	Reddy Ajay Kumar
6	Pradnya K Dhoke	33	P Krishna Bhargavi
7	Gunde Sachinchakravarthy	34	Sambasiva Rao Ganjikunta
8	Kakara Srikanth	35	Kotha Suhanth Reddy
9	Mohammed Azharuddin	36	K.Venkateswara Rao
10	MD Shoeb Amer Ali Khan	37	Kothuri Mahindra
11	K Praveen	38	Gundupalli Bhanu Prakash
12	Debasree Das	39	Ravi Teja Nadikuda
13	Nirbhay Chauhan	40	Amith K S
14	Sumanth Kumar Bandaru	41	K Satish Kumar
15	Bukke Lavanya	42	Abdulla Ajaz
16	Dhanavath Bharath Naik	43	Peddinti Veerendra Satya Sylesh
17	Jonna Rohan Reddy	44	Gundapuneni Venkata Rao
18	P Teja Abhilash	45	Emmadi Srikanth
19	Kodavati Divya Bharathi	59	Pyla Lavanya Rekha
20	Easam Ramkishore Kumar Dora	60	Gali Naveen Kumar
21	Sharavankumar S Masalvad	61	Balivada Sai Laxman
22	Gattu Pranay Goud	62	Syantana Ghosh
23	Gaddam Sai Jagadeesh	63	Mycherla Chaitanya
24	P V S K Kumar	64	Sidharth Bhattacharjee
25	Jeevan Kumar Karimi	65	Angoth Anurag
26	Narendra Kumar	66	Govil Alok
27	Suprabeet Datta	67	Amgoth Ramkumar

68	Cherukupally Rajesh	83	Bellamkonda Rajesh
69	N A G K Manikanta Kopuri	84	Modugu Sudhakar
70	P Satyanarayana Rao	85	Landa Sankarrao
71	Gollapalli Rakesh	86	Amgoth Ashok
72	Soumyasree Dixit	87	Kunal Pradhan
73	Shravan Kumar G	88	Bhanavath Sagar
74	Ganjuluri Anvesh	89	Thangallapalli Sruthi
75	Janagam Rekha	90	Swaroop Rani Sunkari
76	Mothe Sagarika	91	Chandra Sekar Ganja
77	R Kruthi Kiran	92	Kone Venkatesh
78	Kampa Ravinder	93	Jeevan Kumar Karimi (PT)
79	Lokayath Kathi	94	Rakesh Dadaverugu (PT)
80	Anil Kumar	95	Gulam Dastagir Rizwani(PT)
81	Abhishek Kamisetty	96	Ch. Bikshamaiah(PT)
82	B Sidhu Priya		

ELECTRICAL ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	NAVEENKUMAR TADIKONDA	23	YAMUJALA SUMANTH	45	BEJJIPURAM MANMADHA RAO
2	VANKADOTH BRAHMESWARA RAO	24	RAMBABU MOTAMARRI	46	DHARMESH YELAMANCHI
3	T. MURALI KRISHNA	25	SYAM V.S	47	BATCHU HANUMANDILEEP
4	N. BALAJI RAO	26	VELAMALA SANTHOSH KUMAR	48	SUMON DHARA
5	DEVARAJ ANUDEEPSHARMA	27	SRIRAMULA SRIMATHA	49	SRAVAN KUMAR KOTHA
6	BADAVATH MURALI KRISHNA	28	KRISHNA ENUGALA	50	KETHAVATH RAGHAVENDRA NAIK
7	AKUTHOTA VENKATRAMAN	29	OMVEER SHARMA	51	INAVALLI CHANDRA MOULI
8	SANTHOSH YEDLA	30	KOGANTI TRINATH KUMAR	52	GOTTE VIKRAM RAJU
9	RAM BABU THOGARU	31	PATIL MOUNICA	53	YADASU SHYAM
10	M VENU	32	UPENDRA GUPTA	54	RAJESH MANDALAPU
11	R RAKESH	33	SPANDAN KSHEERASAGAR	55	NIMMATHI SAI KRISHNA
12	SHAIK VALI	34	N NAGARAJA	56	KURUVA SUDHEER KUMAR
13	PUNNA SRINIVAS	35	MEKAPATI SURESH REDDY	57	MUKKULA CHARAN SEKHAR
14	POREDDY DILIP KUMAR	36	VAKA S SANDEEP KUMAR REDDY	58	NARENDRA BABU P
15	KHATROTH SRINIVAS	37	RAMESH DARAVATH	59	SRUSHTI DILIP SENGARAPU
16	RAMESH GUGULOTHU	38	RAMANJANEYULU ALLA	60	PRASANTH GORLE
17	MORRI PRASHANTH	39	BODA JYOTHI	61	SURESH PRAGADA
18	BODDULA BABU	40	BHANU PRASAD CHINTALA	62	KRISHNA KUMARI KARRI
19	RAVI KIRAN BHAMIDI PATI	41	BANOTH SATHEESH	63	THOOMULA VINAY KUMAR
20	MOHAMMAD MUKHEEM BASHA	42	VANKUDOTH LOKESH	64	SANDEEP KUMAR DAS
21	SAMBHANI MADHU BABU	43	MEKALA GOUTHAM	65	RAMESH JATOTH
22	RAMPELLI MANOJ KUMAR	44	RAMESH DARAVATH	66	PITTAM KRISHNA REDDY

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
67	ARE SAMBASIVA RAO	89	Y SRAVAN KUMAR	111	BETHALAM VENU GOPAL
68	RAGULA ANAND	90	M KISHORE	112	PUDARI MAHESH
69	SATELLI VENKATA SIVA PRASAD	91	PUPPALA RAJENDHER	113	MANORANJAN SOORA
70	SUNDARAI AH NAYINI	92	GOLKONDA ANITHA	114	MAHENDER KODELA
71	GUGULOTHU SRINIVASA RAO	93	M LAKSHMI NARAYANA	115	MANIK
72	ANIL GUNDE	94	SURYA PRAKASH	116	SREENATH SUKUMARAN
73	HARI BABU GOBBURI	95	TURUMELLA RANJANI	117	BIRESH KUMAR DAKUA
74	SATYA VENKATA KISHORE PULAVARTHI	96	ROHIT KUMAR SINHA	118	MATTA MANI SANKAR
75	DILIP KRISHNA MATHI	97	VEESAM KOTESWARAO	119	THUNUGUNTLA VINOD KUMAR
76	NIKITA MAURYA	98	PRADEEPTHI PAVANI ANDE	120	BHASKAR RAO KUNUKU
77	SANTOSH KUMAR K	99	BONTHAGORLA PRAVEEN KUMAR	121	RAMESH KUMAR MENTE
78	BANAVATH SHIVA NAIK	100	BUSA VENKATESH	122	R. SUBBA REDDY
79	KAMPA NARENDRA BABU	101	KARUN KOKKONDA	123	NAGARAJU TLATOTI
80	C PURUSHOTTAM REDDY	102	RAVI KUMAR K	124	VENUGOPAL REDDY CHILIPPI(PT)
81	CHANDRA SHEKAR V	103	DUVVURU SREENADH REDDY	125	SRIKANTH REDDY YANALA(PT)
82	KEDAM RAMESH	104	V NAGA MOHAN KRISHNA P	126	DHYARMESH YELANANCHI(PT)
83	DHARAVATH SARAIAH	105	PEMMADA SUMANTH	127	PASHIKANTI SRINIVAS(PT)
84	MODDU DIVA KUMAR	106	RAJESH KUMAR SAHOO		
85	AMIRISHETTY AJAY	107	B AMARENDER REDDY		
86	GANDHAM TABITA	108	MOHAMMAD MEHATAB		
87	SUMANTH YAMPARALA	109	BATHALA SAMPOORNA LAKSHMI		
88	NENAVATHU RAMESH	110	APPALA NAIDU		

MECHANICAL ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	SANKINENI RAKESH	23	AKASH YELLA	45	DESAI ROHIT RAVINDRA
2	CHADALAWADA SRI CHAITANYA	24	SRIKIRAN MAHESHWARAM	46	AVISHKAR RAMCHANDRA BHOSKAR
3	MADHU KUMAR THAVITIKI	25	RAMESH MANUPATI	47	CHANGALI YELLA REDDY
4	SREEDHAR VULLOJU	26	KARMAVIR TIWARI	48	NAMILLA SAMBASIVA RAO
5	BASANI SATISH	27	ANIL BABU PULI	49	C NAGA KUMAR
6	GUNVANTA TEJRAMJI DHANUSKAR	28	DHARAMARAPU LAXMI PRASANNA	50	GEDDAM VEERA SUBHASH
7	G ARUN REDDY	29	M SRINIVASA RAO	51	KOLLIPARA BASAVA RAJU
8	SRINIVASAN R	30	SHASTRI AMOL NARESHRAO	52	NAVEEN JANJANAM
9	ANKIT BAIRWA	31	CHADARAM SRINIVASU	53	P SIVA KISHORE REDDY
10	NAGALLAPATI VISHWANATH	32	GRANDHI PRASANTH	54	K VIJAYA BHASKAR REDDY
11	S KAREE MULLA	33	SOURAV GARAI	55	V ARUN
12	AJIT BISWAS	34	NARESH NEELI	56	M DEVENDAR
13	MANE PRAMOD MURALIDHAR	35	G.V.V.S.REDDY PRASAD	57	SWAPNIL YASHWANT TAWARE
14	G.R.KRISHNA PRASAD YADAV	36	KOYILADA BENARJI	58	SANDEEP NAIK GUGULOTH
15	RUSHIKESH BAPURAO KAMBLE	37	BHAVANI GODDU	59	A PRUTHVI DEEP
16	WAHANE RITESH LAXMAN	38	KORRA NAGU	60	PEDDURI JAYAKRISHNA
17	CHINTHIREDDY ASHOK REDDY	39	T RAJU	61	MOOD VIDHISH NAIK
18	PRADEEP SRINIVASAN R	40	LINGALA VENUGOPAL	62	AMBADIPUDI SUNIL
19	ABHINAV KUMAR	41	SESHAGIRI RAO KANCHARLA	63	PATIL ASHISH SAMPAT
20	R. NARESH	42	SANTHOSH KUMAR KAMARAPU	64	SUBBAREDDY MUNDLA
21	M SREENU	43	S.R. VISWANATH MANTHA	65	MAHESH

22	PATTURI OBULESU	44	HARSH JAIN	66	BHIMANAPALLI ANUDEEP
Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
67	GORE GAJANAN GULAB RAO	78	VENKATA RAMANAIAH DARLA	89	RAVI BHOKYA
68	NADIMETLA THIRUPATHI	79	GONDESI S M REDDY	90	KROTHAPALLI PRABHAKARA SUBRAHMANIA MURTHY(PT)
69	DHIRAJ SANGAVIJAY BOMBARDE	80	NADIPALLI PHANIKUMAR	91	MUKKALA RAVINDAR(PT)
70	KHARAT SANDEEP BHAGWAN	81	E OBULAPATHI	92	S MATHIYALAGAN(PT)
71	POLIMENI RAVI KUMAR	82	CHITIKENA HAREESH	93	REDNAM VENKATA NAVEEN KUMAR(PT)
72	RATNA KUMAR KOMMOGI	83	BANDARU VENKATASIVA PRASAD	94	SRINIVASA RAO KUMPATI(PT)
73	VANKUDOTHU NARASIMHA RAO	84	GOPISETTI VENKATA NAGA TRIVENDI	95	MASURAM UMAKANTH(PT)
74	YESUPADAM DAKKUMALLA	85	B SYAM BABU		
75	JAVED SIKANDAR SHAIKH	86	J SHYAMSUNDER		
76	BHOOPENDRA PANDEY	87	DUNNA SRIDHAR		
77	ANNADI RAMANA REDDY	88	UZWAL KIRAN ROKKALA		

ELECTRONICS & COMMUNICATION ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus.

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	GUGULOTH THEJA	23	MAHESH S GOVR	45	CHENNAM PRAVEEN
2	VEJANDLA KISHORE	24	IDURY SATYA KRISHNA	46	DARGUPALLY MAHIPAL
3	DAASARI SURENDER	25	SURESH ANGADI	47	YANNAM VASANTHA KOTESWARA RAO
4	HEMANTA KUMAR SETHI	26	MANCHALA NAVEEN	48	GURAJALA RAMAKRISHNA
5	RAMESH PEDDAVENI	27	ARURU SAI KUMAR	49	D RAMADEVI
6	KOTA NAGESWARA RAO	28	NARAIHA R	50	YOGESH KUMAR TIWARI
7	PANIDARAPU P PRIYANKA	29	KRISHNA REDDY KOMATLA	51	SHASHIDHARA M
8	KAPPAGANYULA VENKATA PHANI KOUSHIK	30	YALLAMANDAIHA S	52	D SRIKAR
9	V LAKSHMI KIRANMAI	31	PRADEEP KUMAR GOUD	53	VENKATA RATNA PRABHA K
10	RAVINDRA KUMAR NIRANJAN	32	S RAJENDRA KUMAR	54	SHAIK YASMIN FATHIMA
11	JETYA BANOTHU	33	PURNA CHANDRA REDDY V	55	KAGANA SARATH BABU
12	D SURYACHAND GOPAVAJHULA	34	GUTHI SRINIVAS	56	VENKATRAO GANJANABOYINA
13	GANESH MIRIYALA	35	VIDYA SAGAR POTHARAJU	57	KORUKONDA VIJAY KUMAR
14	PRUDHVI RAJ METTI	36	V NARESH KUMAR	58	TERKAR ANIL NARSINHRAO
15	GATTE SRIKANTH	37	SUDDAPALLI SUBBARAO	59	SIMHADRI RAVISHANKAR
16	NANDIPATI MOUNIKA	38	PERUMALLA SUBRAHMANYAM	60	SIVAJI SATRASUPALLI
17	POKALA SUDHAKAR REDDY	39	G RAJIV	61	BANDI ALEKYA
18	GALI SUSHMA	40	SNEHALATHA KATHA	62	RAVINDRA BABU
19	C VENKAT SWAMY	41	RAVI KUMAR TIWARI	63	KUMBHA PRASANTHI
20	M ANIL KUMAR	42	VINAY MOHAN	64	BHUKYA PANDITHKUMAR
21	KOPPU JANAIAH	43	RAVI BHUKYA	65	SHANKAR AENAGANDULA
22	DARA SUDHA RANI	44	GATULAPALLI SREEJA REDDY	66	NIRANJAN, R

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
67	PAPPULA THIRAPAI AH	87	ALLU CHANDRASEKHAR RAO	107	PALLE CHINNASWAMULU
68	GOLLA SRI HARSHA	88	VUMANTHALA SAGAR REDDY	108	JUNUTHULA ASHISH
69	KARNENA ROHIT KUMAR	89	MOGILI LAKSHMI NARAYAN	109	GOGULA DEVENDHAR
70	MAYANKA DIXIT	90	SRI KRISHNA B	110	RAGHU KALYANA
71	DEVATA VEERANNA	91	BHANUJA UPADHYAY	111	DABBUGALLA SURESH
72	SANNIDHI BALARAMA MURTY	92	RAHUL RAI	112	KALLEPELLI SAGAR
73	MEENA RAMANNOLLA	93	KOMIRA YAKAIAH	113	SMIJU K.JOY
74	NAVEEN KUMAR L	94	VEDA GANESH	114	K.VANI
75	S.B. LOKESH	95	VANGARA POORNA CHANDAR	115	SAMMUNAYAK BUKYA
76	MAHUKUMALLI S SAI KRISHNA BHARGAV	96	UJWALA BOLLAMPALLI	116	MK SANDEEP
77	T. JANARDHAN REDDY	97	SANKPAL SURESH YASHAWANT	117	NARESH P NAWALE(PT)
78	G. SRENIVASA RAO	98	R MADHUSUDHAN GOUD	118	MVKS PRASAD(PT)
79	RAMBABU KUSUMA	99	ANIL SANTI	119	KANIKE SREENIVASULU(PT)
80	NANDALURU NANDINI	100	DIVYA GUMMAPU	120	RAVINDRA KUMAR NIRANJAN(PT)
81	MOODU VEERANNA	101	BIRUDU VENU	121	D MALLIKARJUNA REDDY(PT)
82	V ASWINI	102	BODDUPALLY SHEKAR	122	KONAKANCHI NAGA RAGHUNATH(PT)
83	JALI NANDINI	103	CHANDIKA MOHAN BABU	123	TERKAR ANIL NARSINHRAO(PT)
84	RAMESH S	104	A NAGENDER REDDY	124	THOUDOJU SREERAMULU(PT)
85	SRAVAN KUMAR KOYYADA	105	BAJIBABU MUTTE	125	KV SRIDHAR(PT)
86	SIROOR SYED	106	MADDIBOYANA THIRUMALESH	126	S. SIVA PRIYANKA(JRF)

METALLURGICAL & MATERIALS ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	Ashok Taru Chakaraborty	8	Gampala Srinivasarao
2	Chinthireddy Ashok Reddy	9	E Obulapathi
3	K V Ravi Sankar	10	Karnati Abhinav Kumar
4	N V S Anil Babu Jawvaji	11	Rajesh Dag(PT)
5	M Veeranagendra	12	Nagireddi Sai Jyothi(PT)
6	K. Vijaya Bhaskar Reddy	13	Samar Mondal(PT)
7	Aakash Sen	14	R. Senthil Kumar (PT)

CHEMICAL ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate
1	Rajnish Kumar Singh
2	VNS Gunasri Appala
3	Shanmuk Srinivas Ravuru
4	Ravi Kumar
5	Kamala Balaji
6	Suresh Kumar Chiluka
7	Hari Prasad Uppara

Sl. No.	Name of the Candidate
8	Bidesh Kirtania
9	Mandari Venkatesh
10	N. Rajasekhar
11	Prashant L. Suryawanshi (JRF)
12	P. Rajesh Kumar (JRF)
13	Uday Dasharath Bagale(JRF)

COMPUTER SCIENCE & ENGINEERING

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	ARTHI .J	24	PAWAN KUMAR OJHA
2	NARESH BABU KAKARLA	25	SAMPATHI RAO SUNEETHA
3	SACHIN BADRINATH JADHAV	26	RAMYA BHARATHI BODDU
4	SOURAJIT BEHERA	27	VIDHYA KAMAKSHI V
5	SHADAB AHMAD	28	PRADEEP RAJ SAVARAPU
6	NAMINDALA RAJESH	29	MALLESWARI PUDAMI
7	PRIYANKA PARIMI	30	SHEWALE AMIT RAGHUNATH
8	KIRAN MYSA	31	VALLURI KISHORE BABU
9	ANVITI PANDEY	32	DS. BHUPAL NAIK
10	CHANDRA MOHAN D	33	MOLATOTI BHARAT
11	P CHAKRADHAR	34	CHEETOORI JAYANTH BABU
12	KOLLURI RAJESH	35	P.V. SHALINI
13	MUDDHAM NIRMALA	36	GOTTE RANJIT KUMAR
14	RAJASEKHAR KOMMARAJU	37	KODURU HAJARATHAIAH
15	SATISH VEMIREDDY (JRF)	38	GUDURU SINDHUJA
16	LOKINI RAJESH	39	MOSUGANTY CHAITANYA KUMARI
17	SWETA PANIGRAHI	40	LELLA KRANTHI KUMAR
18	AJAY KUMAR SAHU	41	GODAVARTHY BHAVYA
19	JADAV GOPAL SINGH	42	BODA BHANU LAXMI VARA PRASAD
20	KULAMALA VINOD KUMAR	43	SONWANE SUCHITRA SHIVAJI RAO
21	GOSAVI SURABHI RUSHABHAKUMAR	44	KALVAPALLI SAI PRABANJAN KUMAR
22	KARUNAKAR KOTHAPELLI	45	GANDHMAL DATTATRAY PANDURANG

23	DURGAM SHIVA KRISHNA	46	VORA SARTHAK SANTOSH
47	K V T K N PRASHANTH	54	KARAN KHAJURIA
48	P VEMULAMMA	55	B UMA MAHESWARA SHARMA
49	PRATIBHA YADAV	56	TALATOTI RATNA KUMAR
50	SYAM KUMAR MADDIRALA	57	SUDHIR KUMAR BAI(PT)
51	SHREY UPADHYAY	58	VINOD KUMAR MAHOR(PT)
52	MEDIPELLY RAMPAVAN	59	CH. NARASIMHACHARI(PT)
53	PRAVEEN PRASAD YADAV		

BIOTECHNOLOGY

The selection process involves written test followed by interview on the next day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate
1	Chinta Madhavai Latha
2	Ramya Sree Boodu*(JRF)
3	Mohammed Rafi Uz Zama Khan
4	S.K Venkata Manjari
5	Muneeswari R

MATHEMATICS

The selection process involves written test followed by interview on the same day. The syllabus for written test is GATE-2017 syllabus

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate
1	Rajesh K Sahoo
2	Srikrishna Chandra Patel
3	Swagat P Mohapatra
4	K. Madhusudhan Reddy
5	G. Deepa Bai
6	Palak Arora
7	S. Sambasiva Rao
8	Santosh Rupa K

PHYSICS

The selection process involves written test followed by interview on the next day. Syllabus for Entrance Exam is detailed below.

Electronics:

Basics of Semiconductors-PN-Junction Diode-Zener Diode-BJT-FET-Amplifiers-Oscillators-Power Supplies-Voltage Regulators- Class A, Class B and Class C-Power Amplifiers.

Logic Gates-Flip-Flops-Shift Registers-Counters-Combinational and sequential logic IC Applications-Op-Amplifiers and Linear IC Applications-A/D and D/A Converters- 8086 Microprocessors-Architecture-Instruction Set-8051 Microcontroller-Architecture-Interfacing and applications.

Signals-Systems-Transform Techniques-Electromagnetic Waves-Maxwell Equations-Propagation of Electromagnetic wave-Pointing Vector-Analog and Digital Modulation Schemes-Microwaves-Radio wave Propagation.

Photonics:

Light Rays – Ray propagation – Image formation – Optical systems – Defects of optical systems – Merit function

Interference-Michelson Interferometer- Thin Films-Diffraction-Grating-Resolving Power-Telescope-Polarisation-Wave Plates-Optical Activity-Photoelasticity.

Lasers-Mode locking – Q-Switching -CO₂ - Nd YAG-Lasers-Semiconductor lasers- LED- Holography and Applications-Optical Fibers-Attenuation-Dispersion- Optical sensors-.Fiber optic Sensing.

Fourier Optics – Theory of image formation – Nonlinear Optics – Wave Mixing

Materials Science:

Bravais Lattices-Reciprocal Lattice-Crystal Systems-Bonding Of Solids-Elastic Properties-Phonons-Lattice Specific Heat .Free Electron Theory and electronic Specific Heat-Response and relaxation Phenomenon-Drude Model of Electrical and Thermal Conductivity-Hall Effect and Thermoelectric power-Electron motion in a periodic potential-Band Theory of Solids-Superconductivity-Super fluidity-Defects and dislocations- Ordered Phases of Matter-Translational and orientational Order-Kinds of Liquid Crystalline order-Quasi Crystals-

Thin Film deposition and Characterisation Techniques- Nano Materials-Preparation and Characterisation-Solar Cells- Organic Semiconductors-Bio-composites-Degradation Studies-Bio-glasses.

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate
1	Narandra Pratap
2	Ramesh Bamoth
3	Pipperera Rajendher
4	Sandip Kumar Yadav
5	N. Purasttam Reddy (JRF)
6	Jayanta Bera
7	Supriya Prabhakar Ughade
8	Sukakanti Srinivas Reddy
9	Gollapelli Buchaiah
10	Kama Ramya

Sl. No.	Name of the Candidate
11	Chinmoy Biswas
12	Santanu Dey
13	Gattu Saujanya
14	V.P. Madhurima(Part Time)
15	Praturi Naga Krishna Chaitanya (Part Time)
16	Thoudoju Sriramlu (PT)
17	Kaitha Rajaiah (PT)
18	Panav Kumar Annavajjala(PT)
19	K. Radhika(PT)

CHEMISTRY

The selection process involves written test followed by interview on the next day. The syllabus for written test is CSIR- NET-2017 syllabus.

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate	Sl. No.	Name of the Candidate
1	Mohammed Areef	10	Tarun Kumar Patle
2	Boda Krishna	11	Gujjula Sripal reddy
3	Teedhala Rajesh	12	A Ramesh
4	Kummithi Rajeswara Reddy	13	M Satish patil
5	Votarikari Dinesh	14	Sai krishna Gali
6	K Saidulu Reddy	15	Oruganti Yasaswini
7	Devulapally Koteswar	16	Chennamsetti Prasad
8	Kmmari Narender	17	Golla Sivaparwathi
9	Dattatri	18	Satyanarayana Murthy Swarna(PT)

HUMANITIES AND SOCIAL SCIENCES (ENGLISH)

The selection process involves written test followed by interview on the same day. The syllabus for written test is based on UGC-NET-2017 syllabus.

List of shortlisted candidates for WRITTEN TEST AND INTERVIEW

Sl. No.	Name of the Candidate
1	Amrutha T.V
2	Gattaiah Thedia
3	Chinmay Murali

