SUPPORTING DOCUMENTS
NAAC AQAR: 2021-22

6.5.1	*Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes* *Attachment: Supporting Document*

81.0%
(Placement %age 2021-22)

	BT	CSE	IT	ECE	EN	ME+CE	MBA	Total
Total Students	59	249	108	58	41	60	29	604
No. of Students Placed	41	221	92	43	30	39	23	489

170+ Companies Visited

50 LPA highest package offered

900+ placements offered

200 students have more than 1 offer

6.5 LPA Average Package offered

Congratulations
on your placement in
Microsoft
Microsoft India (R&D) Pvt. Ltd.

50 LPA

Sakshi Varshney
B.Tech- 2018-22
Electronics And Communication Engineering

Prashant Chand
B.Tech- 2018-22
Computer Science & Engineering

Shubham Mishra
B.Tech- 2018-22
Computer Science & Engineering

TATA

Ref: TCSL/CT20213705907/1632521/Delhi
Date: 20 May 2022

MR. VISHAL RATHI
Bhagat Singh Niwas null,
Near Harchandmal Jain Inter College, Baghpat,
Uttar Pradesh-250625.

Sub: Joining Letter

Dear Mr. Vishal Rathi,

We would like to take this opportunity to extend you a very warm welcome to TATA Consultancy Services Limited (TCSL) family.

We are pleased to inform you that your joining date at TCSL will be **07th July 2022** , your joining location is **New Delhi** and work location is **New Delhi** . This has been provided considering your preference and business requirements.

TCS Onboarding Team will reach out to you over email in the next few days to guide you further on the onboarding process and steps to be taken to prepare yourself for onboarding.

Congratulations on completing the first phase of your learning through TCS Xplore Program. We appreciate your passion towards learning which has helped you to perform well. You are now set to experience learning through our coveted TCS Xperience Program.

Prediction of COVID-19 Confirmed, Death, and Cured Cases in India Using Random Forest Model

Vishan Kumar Gupta*, Avdhesh Gupta, Dinesh Kumar, and Anjali Sardana

Abstract: A novel coronavirus (SARS-CoV-2) is an unusual viral pneumonia in patients, first found in late December 2019, later it declared a pandemic by World Health Organizations because of its fatal effects on public health. In the present, cases of COVID-19 pandemic are exponentially increasing day by day in the whole world. Here, we are detecting the COVID-19 cases, i.e., confirmed, death, and cured cases in India only. We are performing this analysis based on the cases occurring in different states of India in chronological dates. Our dataset contains multiple classes so we are performing multi-class classification. On this dataset, first, we performed data cleansing and feature selection, then performed forecasting of all classes using random forest, linear model, support vector machine, decision tree, and neural network, where random forest model outperformed the others, therefore, the random forest is used for prediction and analysis of all the results. The K-fold cross-validation is performed to measure the consistency of the model.

Key words: coronavirus; COVID-19; respiratory tract; multi-class classification; random forest

1 Introduction

The virus of coronaviruses (CoV) is a special kind of virus that itself is a disease and it enhances the existing disease in humans body which makes it a very dangerous virus. This virus results in wheezing, hard to breathe, bad digestive system, and liverwort, effects badly human nervous system (center), and also harms animals like cows, horses, and pigs that are kept, raised, and used by people and different wild animals. In 2002–2003 the epidemic of Severe Acute Respiratory Syndrome (SARS) and in 2012 the burst of the Middle East Respiratory Syndrome (MERS) have illustrated the probability of transferrable newly arrived COVID-19 in human to human and animal to human and vice versa, though there are very fewer cases of this kind, they do exists. In late December 2019, the effect of secret pneumonia in the whole world is a noticeable topic of study[1].

In India, the first case of coronavirus disease 2019 (COVID-19) was announced on 30th January 2020. This virus extends to the whole of India (in their different districts) till April 2020 end. In India, the total cases announced were 5734 in which 472 were recovered and 166 people were dead till 9th April 2020. In India, the total cases announced were 236 184 in which 113 233 were recovered and 6649 people were dead till 6th June 2020. After this date, fresh cases are still coming into light daily which is around 10 000. In India, the infection rate of COVID-19 is lesser than that in some other countries till date. The website worldometers[2] gives us all these details in a precise manner. Figure 1 is

● Vishan Kumar Gupta is with Department of Computer Science and Engineering (CSE), Graphic Era Deemed to Be University, Dehradun 248002, India. E-mail: vishangupta@gmail.com.
● Avdhesh Gupta and Anjali Sardana are with Department of CSE, IMS Engineering College, Ghaziabad 201009, India. E-mail: avdhesh.gupta@imsec.ac.in; anju.sardana@gmail.com.
● Dinesh Kumar is with Department of CSE, KIET Group of Institutions, Ghaziabad 201206, India. E-mail: dineshrashist@gmail.com.
* To whom correspondence should be addressed.
  Manuscript received: 2020-06-17; revised: 2020-08-10; accepted: 2020-08-21

MEMORANDUM OF UNDERSTANDING

is made on the 3rd of February, 2021

Between

**IMS Engineering College, National Highway 24, Near Dasna,
Adhyatmik Nagar, Ghaziabad, U.P (201015)**

AND

**Codon Biotech Private Limited (CBPL)
153, Vardhaman City Centre, Gulabi Bagh, Delhi – 110037**

Background

i. **IMS Engineering College, Ghaziabad (IMSEC)** is an engineering institute in north India running B.Tech and M.Tech courses in various branches of science and technology. Its **Biotechnology Department** is NBA accredited and runs B.Tech, M.Tech courses in Biotechnology. It is also an authorised research centre of AKTU for PhD course while **Codon Biotech Private Limited (CBPL) having its registered address at 153, Vardhaman City Centre, Gulabi Bagh, Delhi,** is a biotechnology company that manufactures wide spectrum testing kits and share interests in both Research & Academics.

ii. The two Parties have identified that a stronger relationship between them is mutually beneficial and wish to establish a more formal relationship with each other.

Commencement

This Memorandum of Understanding ("MOU") shall take effect on the date of signing and shall continue for a period of 5 years unless terminated earlier in accordance with the provisions of Clause 6.

Scope of MOU

The areas of agreement outlined in this MOU are described to facilitate more detailed and specific negotiations between the parties which may lead to the preparation and signing of one or more formal agreements between **BT-IMSEC** and **CBPL** unless specifically noted herein. This MOU is not intended to be of legal force and effect in any manner whatsoever. This MOU shall not create a legal relationship between the parties.

Broad Areas for Cooperation

BT-IMSEC and CBPL will discuss the possibility of cooperation in the following areas:

    I.   Research collaborations
    II.   Joint PhD guide
    III.   Student Training
    IV.   Student Placement

Representatives of the Parties may agree to review the operation of this MOU from time to time.

1.   Joint Contributions

1.1.   Potential areas for collaborative research will be identified and recorded in subsequent research specific agreement(s) that set out appropriate and relevant contributions by the Parties. These may include:

    (a)   Access to its research laboratories and assist in development of projects involving the parties.

    (b)   Joint submission of research proposals to national and international organisations to obtain support for their common research objectives.

    (c)   BT-IMSEC and CBPL shall work specifically in the areas defined in Para 1.1 and para 3.1.

1.2.   The parties acknowledge that all specific financial arrangements proposed must be negotiated and will depend upon the availability of funds and organizational approvals.

2.   Confidentiality and Privacy

2.1.   BT-IMSEC and CBPL recognize that they will come into possession of information which the other considers to be confidential, including Personal Information ("Personal Information" means information and opinions recorded in any form about an individual whose identity is apparent, or can reasonably be ascertained, from the information or opinion). Each of CBPL and BT-IMSEC covenants and agrees that it shall not, at any time, disclose to any third party, any confidential information of another party without first having obtained the prior written consent of the other party.

2.2.   The provisions of this Clause 5 are intended to and shall be binding upon the parties upon signing of this MOU, and shall survive till the termination or expiry of this MOU.

3. **Intellectual Property**

3.1. "Intellectual Property" means and includes all copyright, all rights in relation to inventions (including patent rights), plant varieties, register and unregistered trade marks, registered and unregistered designs and all other rights resulting form intellectual activity in the scientific, industrial, literary or artistic fields.

3.2. Each party shall retain all rights to existing intellectual property belonging to it and contributed by it ("Background IP") at the commencement of each Research Project arising under this Agreement.

3.3. If any IPR issue emerges as a result of joint research, then a specific IPR addendum will be jointly agreed upon.

4. **Termination**

4.1. Either of **BT-IMSEC** or **CBPL** may terminate this MOU by written notice to the other party. A minimum period of six months notice will be required from a party wishing to terminate the MOU, or such shorter period as the parties may agree upon in writing.

4.2. The termination of this MOU shall not affect the implementation of activities that have been undertaken prior to such termination, unless agreements pertaining to such activities explicitly provide for such termination.

5. **Amendments and Supplementary Agreements**

5.1. The parties may agree to amend this MOU at any time by further memorandum in writing executed by the duly authorized officer(s) of each party.

5.2. The Parties shall wherever necessary enter into written agreements to facilitate collaborative activities arising from this MOU. Such agreements will specify the details of agreed activities and programs, including the contributions and responsibilities of the parties, funding, intellectual property provisions, confidentiality, risk allocation and indemnity obligations of each party.

6. **Use of Name and Logo**

6.1. No party shall use, nor permit any person or entity to use, the name or logo (or any variation thereof) of another party without first obtaining prior written consent from the other party. The Parties intend that this provision shall be binding upon them and

shall   survive   the   termination   or   expiry   of   this   MOU.

Biotechnology Department,
IMS Engineering College (IMSEC)
Ghaziabad

....
Signature of authorised person

1. Dr. Narendra Kumar
(HoD, Biotechnology Department)

2. Ms. Shomini Parashar
(Coordinator-Industrial Interaction)

3. Mr. Sanjay Kumar
(Coordinator-Industrial Interaction)

Date- 3rd February, 2021

Codon Biotech Private Limited
(CBPL), Noida

....
Signature of authorised person

Designation – Managing Director

Date – 3rd February, 2021

Memorandum of Understanding between (MoU) IMS

Engineering College, Ghaziabad

(Educational Institute)

&

Yash Foundation, Ahmednagar, Maharashtra (NGO)

IMS Engineering College, Ghaziabad & Yash Foundation, Ahmednagar, Maharashtra hereby agree to have a collaboration between each other, in the following area of mutual interest:

1. Organizing Rural Immersion Program for students

2. Internships

3. Research Projects

4. Certification programs

5. Student exchange

6. Teaching activities/seminars/conferences

7. Consultancy

8. Training programs

The collaboration is valid for a period of 2 years from this date and is further renewable based on mutual consent. Also, either side can terminate the same with one-month notice, without assigning any reasons what so ever.

Non - discrimination– Yash Foundation, Ahmednagar & IMS Engineering College, Ghaziabad, agrees that no person shall on the grounds of race, colour, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.

Note- The MoU would include Dept. of MBA & B.tech of IMS Engineering College, Ghaziabad

Counter Sign 1 May 22

(IMS Engineering College, Ghaziabad)

Counter Sign

(Yash Foundation)

Point of contact for further engagement from both parties

Sr. No.	Name	Designation	Contact No.	Party
1.	Mr. Tejas S. Dongare	Secretary, Strategic Planning, YF	8483825177	YF
2.	Mr. Sanjay C.	Head, PR Affairs, YF	8007189853	YF
3.	Prof. Dr. Meenu Baliyan	HOD, Dept. Of Management Studies, IMS	9873682474	IMS
4.	Ms. Punjika Rathi	Assistant Professor, IMS	9968828835	IMS

Yash Foundation, Ahmednagar and IMS Engineering College, Ghaziabad, have executed this agreement on 13.05.2022.

Authorized Signatory

Arishya Ismail

Director, HR

YF, Ahmednagar

Mr. Tejas S.

Secretary, Strategic Planning, YF

Date:

Place: Ghaziabad

Authorized Signatory

Dr Vikram Bali

Director,

IMS Engineering College, Ghaziabad

Dr Meenu Baliyan,

HOD, Dept. Of Management Studies, IMS

Date :

Place : Ghaziabad

Yash Foundations

YASH FOUNDATION
SERVING THE UNSERVED ONE'S

||सत्याद देवो वर्षति ||

Institute Internship Tie Up Details

1. Course to be inducted for Internship- MBA/BBA/Both/Other (mention the course name) ....
2. Which year students will be taking part in the internship

   UG- 1/2/3/All .... *All*

   PG- 1/2/All........... *All*

3. Month in the academic calendar in which the students will be available for internship
   UG 1..... *June* ...(Month), UG 2.... *June* .....(Month) UG 3   (Month)

   PG 1 ... *June* ......(Month), PG 2   (Month)
4. Preferred mode of internship- Online/Offline/Hybrid mode..... *Hybrid* ....
5. Contact details of the Point of Contact (POC) from the institute who will be coordinating for the student internship

   POC 1
   Name-...... *Dr. Meenu Baliyan*
   Designation-..... *HOD MBA* ....
   Contact No.- *9873682474* ....
   Email ID-... *meenu.baliyan@imsec.ac.in*

   POC 2
   Name-...... *Ms. Punjika Rathi* .....
   Designation-.... *A.P* ....
   Contact No.- *9968828835* ....
   Email ID-...... *punjika.rathi@imsec.ac.in*
6. Contact details of the Training & ~~Placement~~ officer- Name-.... *Dr. Puspa chaudhary*
   Mob. No... *7309755555* .., Email ID-... *pushpa.chaudhary@imsec.ac.in*
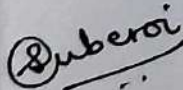
7. Contact details of the Associate Director/HOD- Name-.. *Dr. Meenu Baliyan*
   Mob. No... *9873682474* ...., Email ID-.. *meenu.baliyan@imsec.ac.in*

Note- The tenure of the internship would be fixed as suggested by the institute and the office of the Training & Placement Officer.

Chief Training Officer (YF)   **Training & Placement officer (Institute)**   **Dean/HOD (Institute)**

Activities intended to be covered under the tie up

1. The NGO will facilitate a short internship platform to the students under which the interns will be participating in various activities of social welfare through an online or offline mode. The internship certificate/LOR and the experience gained through the internship will add a great on filed learning experience and strengthen the resumes of the students facilitating their overall holistic development.
2. Biannual crowd fund raising camp by the students for the NGO's various rural development projects.
3. Leadership, Personality and Professional skill development training workshops to be facilitated by the expert team of the NGO to the school/university students.
4. Plantation, Cleanliness drives, Food & Cloth donation drives.
5. Visit/Village Camp hosted by the NGO for the students at the site of the adopted village of the NGO, enabling the students to experience the essence of rural life and make them understand the day-to-day challenges faced by the localities there.
6. Various other CSR/ISR initiatives to be jointly executed between the two organizations.
7. There would not be any financial involvement from both the concerned parties and in case it occurs it will be discussed separately after the approval of Authorities.

Note- The scope of amendments in the various activities to be carried out under the tie up are open for changes and new ideas can be added post mutually discussed between both the institutes.

GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	ASHUTOSH KHASWAL
Parent's/Guardian's Name	SATANDRA KUMAR
Registration Number	BT22S58011063
Date of Birth	05-Jul-2000
Examination Paper	Biotechnology (BT)

GATE Score:	533	Marks out of 100:		46.33	
All India Rank in this paper:	486	**Qualifying Marks***	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	13994		35.5	31.9	23.6

Valid up to 31st March 2025

R Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB−GATE, for MoE

af7641a623bf4804ef55bd7c4c19b3dc

* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

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General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) − GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

Name of Candidate	SHWETA SINGH
Parent's/Guardian's Name	SHEELWANT SINGH
Registration Number	BT22S58010295
Date of Birth	25-Sep-1998
Examination Paper	Biotechnology (BT)

GATE Score:	364	Marks out of 100:		36.33	
All India Rank in this paper:	1946	**Qualifying Marks***	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	13994		35.5	31.9	23.6

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB−GATE, for MoE

ff4baaf6690ec0f5f60c5dfc46a980ac

* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) − GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

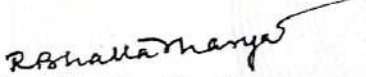# GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	PRASHANT LODHI
Parent's/Guardian's Name	PRADEEP KUMAR LODHI
Registration Number	ME22S88010129
Date of Birth	17-Dec-2001
Examination Paper	Mechanical Engineering (ME)

GATE Score:	410	Marks out of 100*:		33.4	
All India Rank in this paper:	8707	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	89567		28.1	25.2	18.7

Valid up to 31st March 2025

R.Bhattacharya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB–GATE, for MoE

41daf20c66958108bf2c758c217e0178

* Normalized marks for Civil Engineering (CE) and Mechanical Engineering (ME) Papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,
M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard
M_q is the qualifying marks for general category candidate in the paper
M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
$S_q = 350$, is the score assigned to M_q
$S_t = 900$, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

COMMON ADMISSION TEST 2021 (CAT 2021)
INDIAN INSTITUTES OF MANAGEMENT

CAT 2021 SCORE CARD

Name of the Candidate : LAKSHAYA SHARMA

Candidate's Contact Details :
b-73,street no. 2,gazipur village

Test Day Photo	Uploaded Photo

Town/City : gazipur village
District : East Delhi
State : Delhi
Email : iptlakshay@gmail.com

CAT Registration Number	21052927	PwD Status	No
Gender	Male	Category	General
Date of Birth	04/May/2000	Date of Test	28th Nov 2021

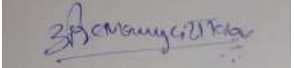| Section Verbal Ability & Reading Comprehension		Section Data Interpretation & Logical Reasoning		Section Quantitative Ability		Total	
Scaled Score	Percentile	Scaled Score	Percentile	Scaled Score	Percentile	Overall Scaled Score	Overall Percentile
8.92	42.54	7.49	52.12	3.01	48.55	19.41	44.63

Instructions:

1. Only those candidates who have taken the Common Admission Test (CAT 2021) are entitled to receive the score card. Keep a print-out of this score card for your information pertaining to CAT 2021. You will not receive the score card by email or by post.

2. The Overall Scaled Score is the sum of the scaled scores of the candidate in the three sections.

3. Percentile refers to the percentage of candidates who receive a scaled score less than or equal to the scaled score obtained by the candidate.

4. IIMs and Non-IIM member institutions independently decide how to use CAT 2021 scores in line with their own selection process. The scores are to be used only for selecting the candidates to their respective Post Graduate/Doctoral (Fellow) Programme(s) in Management.

5. Detection of instances of incorrect information and process violation by a candidate at any stage will lead to disqualification of the candidate. CAT scores of such candidates who are disqualified will become null and void. Such disqualified candidates will not be allowed to appear for CAT in future. If such instances go undetected during the current selection process but are detected in subsequent years, such disqualification and the associated penalties will take place with retrospective effect.

6. All queries regarding post-CAT 2021 selection process must be directed to the respective IIMs. CAT Centre will not answer post-CAT queries.

7. CAT 2021 score is valid only until 31st December 2022 and is subject to the candidate meeting the minimum eligibility marks in the qualifying examination. The score card will be available on www.iimcat.ac.in till 31st December 2022 to download.

8. Webmail support cat2021@iima.ac.in & cathelpdesk@iimcat.co.in will be available till 31st March 2022.

GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

GATE 2022
Graduate Aptitude Test in Engineering
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	**ABHIMANYU YADAV**
Parent's/Guardian's Name	**ROHIT SINGH YADAV**
Registration Number	**CS22S18010262**
Date of Birth	**06-Jan-2001**
Examination Paper	**Computer Science and Information Technology (CS)**

GATE Score:	**332**	**Marks out of 100:**		**23.67**
All India Rank in this paper:	**11299**	**Qualifying Marks***	General	EWS/OBC (NCL)	SC/ST/PwD

	General	EWS/OBC (NCL)	SC/ST/PwD
Qualifying Marks*	**25.0**	**22.5**	**16.6**

Number of Candidates Appeared in this paper: **77257**

Valid up to 31st March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB−GATE, for MoE

61c859bd154008aa416ff00c6705dc96

* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

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General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

S_q = 350, is the score assigned to M_q

S_t = 900, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.
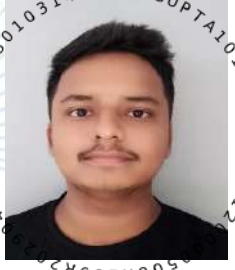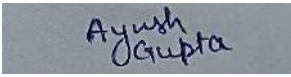
Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) − GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	**AYUSH GUPTA**
Parent's/Guardian's Name	**RAKESH GUPTA**
Registration Number	**CS22S18010314**
Date of Birth	**08-May-2000**
Examination Paper	**Computer Science and Information Technology (CS)**

GATE Score:	**403**	**Marks out of 100:**		**29**	
All India Rank in this paper:	**6553**	**Qualifying Marks***	**General**	**EWS/OBC (NCL)**	**SC/ST/PwD**
Number of Candidates Appeared in this paper:	**77257**		**25.0**	**22.5**	**16.6**

Valid up to 31ˢᵗ March 2025

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB−GATE, for MoE

a95d27f2ac56971675acd1e44ed7e486

* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

S_q = 350, is the score assigned to M_q

S_t = 900, is the score assigned to M_t

In the GATE 2022 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.
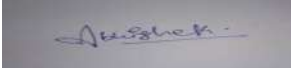
Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) − GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	**ABHISHEK DUBEY**
Parent's/Guardian's Name	**NEHA DUBEY**
Registration Number	**CS22S18011212**
Date of Birth	**25-Nov-2001**
Examination Paper	**Computer Science and Information Technology (CS)**

GATE Score:	**376**	**Marks out of 100:**	**27**

		General	EWS/OBC (NCL)	SC/ST/PwD
All India Rank in this paper:	**8028**	**Qualifying Marks***		
Number of Candidates Appeared in this paper:	**77257**	**25.0**	**22.5**	**16.6**

Valid up to 31ˢᵗ March 2025

R.Bhattacharyya

Prof. Ranjan Bhattacharyya
Organising Chairman, GATE 2022
on behalf of NCB–GATE, for MoE

de79dffc3cb9c77b7f9bfe835bd43102

* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

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General Information

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard
M$_q$ is the qualifying marks for general category candidate in the paper
M$_t$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
S$_q$ = 350, is the score assigned to **M$_q$**
S$_t$ = 900, is the score assigned to **M$_t$**

In the GATE 2022 score formula, **M$_q$** is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

Name: Dikshit, Shubham
Last (Family/Surname) Name, First (Given) Name Middle Name

Email: iamsds123@gmail.com

Gender: M

Date of Birth: December 16, 1999

Appointment Number: 5581 5092 1497 7272

Test Date: September 25, 2021

Dikshit, Shubham
B-6/3, Rail Vihar, Indirapuram
Ghaziabad, Uttar Pradesh 201014
India

Inst. Code	Dept. Code
5816	78
0996	78
5820	78
2660	78

Country of Birth: India
Native Language: Bengali
Test Center: STN14376B - COUNCIL FOR AMERICAN EDUCATION
Test Center Country: India

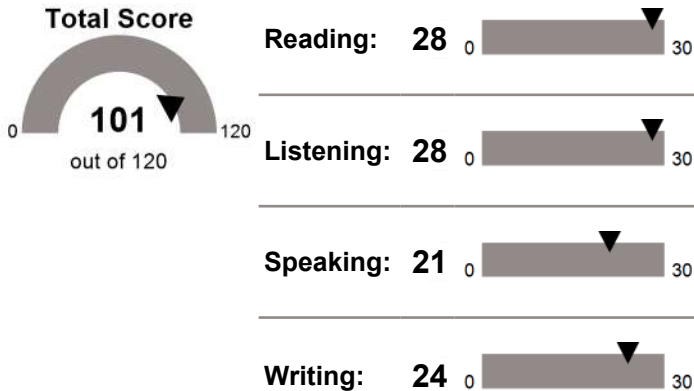Security Identification

ID Type: PASSPORT   **ID No.:** xxxxxxxxxxxxxxxxxxxxx4442   **Issuing Country:** India

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.
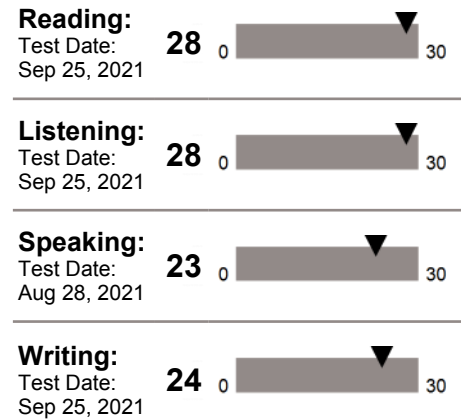
**September 25, 2021
Test Date Scores**

Total Score

101
out of 120
0   120

Reading: 28   0 —— 30

Listening: 28   0 —— 30

Speaking: 21   0 —— 30

Writing: 24   0 —— 30

MyBest® **Scores**

Your highest section scores from all valid test dates,
as of September 28, 2021.

**Sum of Highest
Section Scores**

103

out of 120

Reading:
Test Date:
Sep 25, 2021
28   0 —— 30

Listening:
Test Date:
Sep 25, 2021
28   0 —— 30

Speaking:
Test Date:
Aug 28, 2021
23   0 —— 30

Writing:
Test Date:
Sep 25, 2021
24   0 —— 30

A total score is not reported when one or more sections have not been administered.
Expired scores are not included in *MyBest®* calculations.

03-09

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

Dikshit, Shubham
Date of Birth: December 16, 1999

Appointment Number: 5581 5092 1497 7272
Test Date: September 25, 2021

SCORE RANGES

Total Score	0–120
Reading	**0–30**
Advanced	24–30
High - Intermediate	18–23
Low - Intermediate	4–17
Below Low - Intermediate	0–3
Listening	**0–30**
Advanced	22–30
High - Intermediate	17–21
Low - Intermediate	9–16
Below Low - Intermediate	0–8
Speaking	**0–30**
Advanced	25–30
High - Intermediate	20–24
Low - Intermediate	16–19
Basic	10–15
Below Basic	0–9
Writing	**0–30**
Advanced	24–30
High - Intermediate	17–23
Low - Intermediate	13–16
Basic	7–12
Below Basic	0–6

INSTITUTION CODES

The Institutions and Department code numbers shown on the front page are the ones you selected before you took the test.

Dept.	Where the Report Was Sent
00	Admissions office for undergraduate study
01, 04-41, 43-98	Admissions office for graduate study in a field other than management (business) or law according to the codes selected when you registered
02	Admissions office of a graduate school of management (business)
03	Admissions office of a graduate school of law
42	Admissions office of a school of medicine or nursing or licensing agency
99	Institution or agency that is not a college or university

For additional information about TOEFL iBT scores, score ranges, and how to improve your skills, visit www.ets.org/toefl/ibt/scores.

IMPORTANT NOTE TO SCORE USERS: This is a PDF score report, downloaded and printed by the test taker. Therefore, ETS cannot guarantee that it has not been altered. To verify the scores on this report, please contact the TOEFL Score Verification Service at **+1-800-257-9547** or **+1-609-771-7100**. Scores more than two years old cannot be reported or validated.

ई–प्रवेश पत्र e-ADMIT CARD

आपको सम्मिलित रक्षा सेवा परीक्षा (II), 2021 के लिए प्रवेश दिया गया है |

You are admitted to the Combined Defence Services Examination (II), 2021

परीक्षा की तारीख :- 14 नवंबर, 2021

Date of Examination :- 14 November, 2021

नाम **Name**	**RAVINDRA PAL**
अनुक्रमांक **Roll No.**	**5901749**
पहचान पत्र **Photo Identity Card**	**AADHAR CARD NO : 594427284285**
पिता का नाम **Father's Name**	**KAMLA PRASAD PAL**
माता का नाम **Mother's Name**	**SUNITA PAL**
वरीयता **Preference**	**INA**
केन्द्र **Centre**	**GHAZIABAD**
परीक्षा का स्थान **Venue of Examination**	**(004)SETH MUKAND LAL (V.K.) INTER COLLEGE MUKUNDNAGAR, HAPUR ROAD, GHAZIABAD-201001**

समय सारणी / Time Table

विषय (विषय कोड) Subject (Sub. Code)	समय Time
English (Code 01)	09.00 A.M. to 11.00 A.M.
General Knowledge (Code 02)	12.00 Noon to 02.00 P.M.
Elementary Mathematics (Code 03)	03.00 P.M. to 05.00 P.M.

1. परीक्षा स्थल पर प्रवेश करने के लिए इस ई–प्रवेश पत्र (प्रिंटआउट) को फोटो पहचान पत्र (मूल), जिसका क्रमांक ऊपर अंकित है एवं ब्लैक बॉल पॉइंट पेन, सहित प्रत्येक सत्र में साथ लाएं। ई–प्रवेश पत्र को अंतिम परिणाम की घोषणा होने तक सुरक्षित रखें।।

   BRING THIS E-ADMIT CARD (PRINT OUT), ALONG WITH THE (ORIGINAL) PHOTO IDENTITY CARD, AS MENTIONED ABOVE AND BLACK BALL POINT PEN IN EACH SESSION TO SECURE ADMISSION TO EXAMINATION HALL. E-ADMIT CARD MUST BE PRESERVED TILL THE DECLARATION OF THE FINAL RESULTS.

2. कृपया नोट करें कि प्रत्येक सत्र में परीक्षा के प्रारंभ होने के 10 मिनट पहले परीक्षा स्थल पर प्रवेश बंद कर दिया जाएगा। प्रवेश बंद होने के पश्चात परीक्षा स्थल पर किसी भी उम्मीदवार को अंदर जाने की अनुमति नहीं दी जाएगी।

   PLEASE NOTE THAT ENTRY INTO THE EXAMINATION VENUE SHALL BE CLOSED 10 MINUTES BEFORE THE SCHEDULED COMMENCEMENT OF THE EXAMINATION IN EACH SESSION. NO CANDIDATE SHALL BE ALLOWED THE ENTRY INTO THE EXAMINATION VENUE AFTER CLOSURE OF THE ENTRY.

secure=CDS(II)/50c3b18936/12133057429

Pushpendra

परीक्षा नियंत्रक**Controller Of Examination**

सम्मिलित रक्षा सेवा परीक्षा (II), 2021

ई – प्रवेश पत्र

महत्वपूर्ण अनुदेश

1. ई–प्रवेश पत्र की सावधानीपूर्वक जांच करें तथा विसंगतियां, यदि कोई हों, तुरन्त संघ लोक सेवा आयोग के ध्यान में लाएं ।

2. संघ लोक सेवा आयोग के साथ अपने संपूर्ण पत्र व्यवहार में अपना नाम, अनुक्रमांक, रजिस्ट्रेशन आई डी तथा परीक्षा के नाम और वर्ष का उल्लेख करें ।

3. परीक्षा स्थल पर प्रवेश करने के लिए इस ई–प्रवेश पत्र (प्रिंटआउट) को फोटो पहचान पत्र (मूल), जिसका क्रमांक ई–प्रवेश पत्र में अंकित है, सहित प्रत्येक सत्र में साथ लाएं। ई–प्रवेश पत्र को अंतिम परिणाम की घोषणा होने तक सुरक्षित रखें क्योकि सेवा चयन बोर्ड के समक्ष इसे प्रस्तुत करना आवश्यक है ।

4. ई–प्रवेश पत्र की सुरक्षा की जिम्मेवारी आपकी है और यदि कोई अन्य व्यक्ति इस ई–प्रवेश पत्र का इस्तेमाल करता है तब यह प्रमाणित करने का दायित्व आपका है कि आपने किसी प्रतिरूपधारक की सेवा नहीं ली है ।

5. "उम्मीदवार नोट करें कि ओ एम आर उत्तर पत्रक में, विशेषकर अनुक्रमांक और परीक्षण पुस्तिका की सीरीज कोड के संबंध में विवरण कूटबद्ध करते समय हुई किसी प्रकार की चूक/भूल/विसंगति के मामले में उत्तर पत्रक अस्वीकृत कर दिया जाएगा" ।

6. परीक्षा प्रारंभ होने के निर्धारित समय से कम से कम 30 मिनट पहले परीक्षा भवन में प्रवेश करें। प्रत्येक सत्र में परीक्षा शुरू होने के निर्धारित समय से 10 मिनट पहले परीक्षा स्थल में प्रवेश बंद कर दिया जाएगा ।

7. उम्मीदवार नोट करें कि उम्मीदवार को ई–प्रवेश पत्र में उल्लिखित स्थान के अलावा किसी अन्य स्थान पर उपस्थित होने की अनुमति नहीं दी जायगी ।

8. कृपया संघ लोक सेवा आयोग की वेबसाइट https://www.upsc.gov.in पर उपलब्ध "परीक्षा की नियमावली" और परीक्षा भवन के बाहर प्रदर्शित "पोस्टर" जिसमें अनुदेशों का उल्लेख किया गया है, को पढ़े ।

9. परीक्षा के लिए आपकी उम्मीदवारी अनंतिम है ।

10. जहॉ परीक्षा आयोजित की जा रही है उस परिसर में मोबाइल फोन,कैलकुलेटर अथवा किसी अन्य संचार उपकरण के इस्तेमाल की अनुमति नहीं है । इन अनुदेशों का उल्लंघन किए जाने पर अनुशासनिक कार्रवाई की जाएगी और भविष्य की परीक्षाओं से विवर्जित कर दिया जाएगा ।

11. वस्तुनिष्ठ किस्म के प्रश्न पत्र में उम्मीदवार द्वारा गलत उत्तर अंकित किए जाने पर दंड (ऋणात्मक अंकन) दिया जाएगा ।

12. काले बॉल प्वाइंट पैन के अलावा किसी अन्य पैन से अंकित किए गए उत्तरों का मूल्यांकन नहीं किया जायेगा।

13. उम्मीदवारों को सलाह दी जाती है कि वे कीमती मूल्यवान सामान परीक्षा भवन में न लाएं क्योंकि उनकी सुरक्षा सुनिश्चित नहीं की जा सकती । इस संबद्ध में हुए नुकसान के लिए आयोग जिम्मेवार नहीं होगा ।

14. उम्मीदवार जिनकी फोटो ई प्रवेश पत्र पर स्पष्ट नहीं है उन्हें परिवचन देकर परीक्षा में शामिल होने के लिए अपने साथ एक फोटो पहचान पत्र प्रमाण जैसे कि आधार कार्ड , ड्राइविंग लाइसेंस, पासपोर्ट वोटर आई कार्ड इत्यादि एवं तीन पासपोर्ट साइज फोटोग्राफ एक – एक प्रत्येक सत्र के लिये लाने होंगे ।

15. ऐसे उम्मीदवार जिन्हे केवल ओ.टी.ऐ. पाठ्यक्रम के लिए प्रवेश दिया गया है, यदि वे अनधिकृत रूप से सम्मिलित रक्षा सेवा परीक्षा (II), 2021 के प्रारंभिक गणित पेपर में बैठते है तो प्रारंभिक गणित पेपर की उत्तर पुस्तिकाओ का मूल्यांकन नही किया जायेगा ।

16. सभी उम्मीदवारों के लिए मास्क/फेस कवर पहनना अनिवार्य है। जिन उम्मीदवारों ने मास्क/फेस कवर नहीं पहना होगा, उन्हें परीक्षा स्थल में प्रवेश नहीं दिया जाएगा।

17. तथापि, परीक्षा प्रक्रिया से जुड़े प्राधिकारियों द्वारा, सत्यापन किए जाने पर उम्मीदवारों को मास्क हटाना होगा।

18. उम्मीदवारों को अपने इस्तेमाल के लिए पारदर्शी शीशी (छोटे आकार की) में हैंड सैनिटाइजर लाना होगा।

19. उम्मीदवारों को कोविड–19 के मानदण्डों का अनुपालन करते हुए, परीक्षा हाल/कक्ष के भीतर तथा परीक्षा-स्थल परिसर में सामाजिक दूरी और निजी साफ-सफाई का ध्यान रखना होगा।

Combined Defence Services Examination (II), 2021

e-Admit Card

Important Instructions

1. Check the e-Admit Card carefully and bring discrepancies, if any, to the notice of UPSC immediately.

2. Mention your Name, Roll Number,Registration ID and Name & Year of the Examination in all the correspondence with UPSC.

3. Bring this e-Admit card (print out), along with the (original) Photo Identity Card, whose number is mentioned in the e-Admit Card , in each session to secure admission to Examination Hall. E-Admit Card must be preserved till the declaration of the final results as its production before Service Selection Board is necessary.

4. You are responsible for safe custody of the e-Admit Card and in the event of any other person using this e-Admit Card , the onus lies on you to prove that you have not used the service of any impersonator.

5. "Candidates should note that any omission / mistake / discrepancy in encoding filling in details in the OMR answer sheet, especially with regard to Roll Number and Test Booklet Series Code, will render the answer sheet liable for rejection".

6. Enter the Examination Hall at least 30 minutes before the scheduled commencement of the Examination. Entry to the Examination Venue closes 10 minutes prior to the scheduled commencement of the examination in each Session.

7. Candidate should note that candidate will not be allowed to appear at any other Venue except the Venue mentioned in the e-Admit Card.

8. Please Read the "Rules for the Examination" available on the upsc website https://www.upsc.gov.in and "Poster" containing instructions displayed outside the Examination Hall.

9. Your candidature to the examination is provisional.

10.Mobile Phones, Calculators or any of the IT Gadgets are not allowed inside the premises where the examination is being conducted. Any Infringements of these instructions shall entail disciplinary action including ban from future examinations.

11. There will be penalty (Negative Marking) for wrong answers marked by a candidate in the objective type Question Papers.

12. Answers other than those made by Black Ball Point Pen will not be evaluated.

13. Candidates are advised not to bring any valuables/costly items to the Examination Halls, as safe keeping of the same can not be assured. The Commission will not be responsible for any loss in this regard.

14. Candidates who do not have clear photographs on the e-admit card will have to bring a photo identity proof viz. Aadhar Card, Driving Licence, Passport,Voter I Card etc. and three passport size photographs one for each session for appearing in the examination with an undertaking.

15.Candidates admitted for the OTA course only but who would appear unauthorizedly in ELe. Maths Paper for CDSE(II), 2021 their Answer Scripts of Ele. Maths Paper will not be Evaluated.

16. Wearing of mask/face cover is mandatory for all candidates. Candidates without mask/face cover will not be allowed entry into the Venue.

17. Candidates, however, will have to remove their masks for verification, whenever required by the Examination functionaries.

18. Candidate may carry his/her own hand sanitizer (small size) in transparent bottle.

19. Candidates to follow COVID 19 norms of 'social distancing' as well as 'personal hygiene' inside the Examination Halls/Rooms as well as in the premises of the Venue.

VIKRAM SARABHAI SPACE CENTRE

Government of India | Department of Space
Indian Space Research Organisation

ADVERTISEMENT NO. VSSC-312 DATED 14.12.2019
E-ADMIT CARD

Name of the Candidate	Kopal Dixit		
Father's/ Husband's Name	Rajan Dixit		
Candidate's Roll No.	091514270010	**D.O.B**	17-08-2000
Name of Post	TECHNICAL ASSISTANT-COMPUTER SCIENCE		
Post Code	1427		
Discipline	Computer Science		
Registration No.	M2Z1N71		

Name & Address of Examination Centre :

Ion Digital Zone IDZ1 Mundka

Mundka Delhi Rohtak Road, PNB Bank Building Opposite Metro Piller No 501 and 502, Near Mundka Metro Station Mundka, New Delhi, Delhi, India - 110041

Date and Time of Examination	14th July 2021 and 12:30 PM - 02:30 PM
Gate Closing Time	12:00 PM
Reporting Time	11:00 AM

Signature of Candidate (To be signed in presence of invigilator)

Signature of Invigilator

Sd/-
(Administrative Officer, VSSC)

Please read the following important instructions carefully before proceeding for the Computer Based Test (CBT):

IMPORTANT INSTRUCTIONS TO CANDIDATES

Things to be brought compulsorily for the CBT to examination centre

- ✓ Printed copy of E-Admit Card
- ✓ Face Mask & Hand Glove
- ✓ Personal hand sanitizer (50ml)
- ✓ Original Photo ID proof (as mentioned below instruction)
- ✓ PET water bottle (transparent)
- ✓ 2 Passport photographs

1. The candidates are advised to download all the pages of this admit card.

2. The candidates must carry a copy of **E-Admit Card** (preferably in colour) downloaded from the admit card link shared on candidate's registered e-mail ID to the allocated Test Centre on the Date and Time mentioned above. **The printed E-Admit Card must be presented for verification along with at least one ORIGINAL (not photocopy or scanned copy) valid PHOTO IDENTIFICATION CARD, viz. Voter Identification Card, Driving License,**