

-DISABILITY CERTIFICATE-

DISTRICT MEDICAL BOARD KONDAGAON

Certificate No. 207.....

Date 25/8/2020.....



CHANKI PANDEY

District Medical Board
Kondagaon (C.G.)

Certificate for the Persons with Disability

This is to certify that Shri/Smt./Ku. chanki Pandey.....

S/o.W/o./Daughter of Prem Shankar Pandey..... Age 21.....

Sex M..... Registration No. 207..... in a

case of..... He/She is physical disabled/visual disabled/

speech & hearing disabled has 40%..... &

Forty percent..... Percent.

Permanent (Physical impairment/visual impairment / speech & hearing impairment) in relation to his/
her permanent / temporary disability.

VA 5/60 12 ff 6/18 NI NI

RE - myopic astigmatism
@ - optical atrophy

25/08/20

Note - (1) This condition progressive / Non progressive / likely to improve not likely to improve.

(2) Reassessment is not recommended / is recommended after period of 3y.....

Month / year.

Not recommended

*Strike out with is not applicable

Signature / thumb impression
of the P.W.D.

CHAIRMAN
District Medical Board
Kondagaon (C.G.)

MEMBER
District Medical Board
Kondagaon (C.G.)

MEMBER
District Medical Board
Kondagaon (C.G.)

MEMBER
District Medical Board
Kondagaon (C.G.)

Government of India
(Name & Address of the authority issuing the certificate)

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No. 2989/0/121/2019-20

Date: 26/9/2020

VALID FOR THE YEAR 2019-20

This is to certify that Shri/Smt./Kumari Chanki Pandey son/daughter/wife of Prem Shankar Pandey permanent resident of Manjhiathgaon Village/Street Manjhiathgaon Post Office Manjhiathgaon District Kondagaon in the State/Union Territory Chhattisgarh Pin Code 494228 whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her "family" is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year 2019-20 His/her family does not own or possess any of the following assets*** :

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/Smt./Kumari Chanki Pandey belongs to the bramin caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office 26/9/20

Name प्रसन्न

Designation

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*Note 1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2: The term "Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

***Note 3: The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.



Organising Institute
Indian Institute of Technology Bombay

GATE 2021 Scorecard

Graduate Aptitude Test in Engineering (GATE)



Candidate's Details

Name

CHANKI PANDEY

Parent's / Guardian's Name

PREM SHANKAR PANDEY

Registration Number

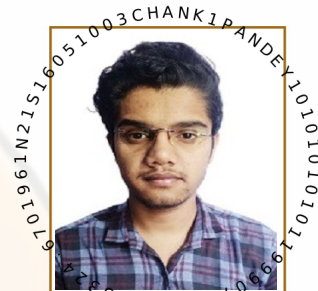
IN21S16051003

Date of Birth

01-Jul-1999

Examination Paper

Instrumentation Engineering (IN)



Handwritten signature

(Candidate's Signature)

Performance

GATE Score

196

Marks out of 100*

24.67

Qualifying Marks**

36.0

32.4

24.0

General

EWS/OBC (NCL)

SC/ST/PwD

Number of Candidates
Appeared in this paper

16770

All India Rank in this
paper

5714

Valid up to 31st March 2024

* Normalized marks for Civil Engineering (CE), Computer Science and Information Technology (CS) 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 scorecard.

Handwritten signature of Prof. Deepankar Choudhury

19th March 2021

Prof. Deepankar Choudhury
Organising Chairperson, GATE 2021
(on behalf of NCB - GATE, for MoE)



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The GATE 2021 score is calculated using the formula

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

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2021 scorecard

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

\bar{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 \bar{M}_t

In the GATE 2021 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 2021 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.

Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences

- A – Engineering Mathematics (compulsory)
- B – Fluid Mechanics
- C – Materials Science
- D – Solid Mechanics
- E – Thermodynamics
- F – Polymer Science and Engineering
- G – Food Technology
- H – Atmospheric and Oceanic Sciences

XL: Life Sciences

- P – Chemistry (compulsory)
- Q – Biochemistry
- R – Botany
- S – Microbiology
- T – Zoology
- U – Food Technology

Graduate Aptitude Test in Engineering (GATE) 2021 was organized by Indian Institute of Technology Bombay on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.



कार्यालय—प्राचार्य शासकीय इंजीनियरिंग महाविद्यालय, जगदलपुर (बस्तर)

PHONE NO. 07782229439 - FAX 229401 E-mail: Principal @gecjdp.ac.in

क्र/शा.इं.म.ज/Est /2021 / 968

जगदलपुर, दिनांक 22/03/2021


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LETTER OF ENGLISH PROFICIENCY

TO WHOM IT MAY CONCERN:

This is to certify that **Mr. Chanki Pandey** has completed/pursuing his **Bachelor of Engineering** degree in the **Department of Electronics and Telecommunication Engineering** from Government Engineering College Jagdalpur, Chhattisgarh, India. During four years of the bachelor program, the instruction medium for the course, as mentioned above, was in English for the entire four years duration, both written and spoken. His enrollment number (ID) and roll number in the Chhattisgarh Swami Vivekanand Technical University Bhilai, Chhattisgarh, India (CSVTU) is **BD3880**, and **300802817010** respectively.

I the undersigned confirm that the above facts are true and correct to the best of my knowledge and belief.


Principal
Govt. Engineering College
Jagdalpur (C.G.) Bastar

Prof. M. R. Jadhav
Professor and Principal, (2/c)

Department of Electronics and Telecommunication Engineering
Government Engineering College, Jagdalpur, Pin Code-494001, Chhattisgarh, India
E-mail: mrkan@gecjdp.ac.in
Phone: +91-942520278

Research Publication Details

Patent Publications

1. Prabira Kumar Sethy, **Chanki Pandey**, Sharad Chandra Rajpoot and Santi Kumari Behera. “n4riceleaf: An Android/Web Based Application to Estimate Nitrogen Concentration in Rice Crop”, Australian Innovation Patent (Granted). Application Number: 2020102343.

International Journal Publications

1. **C Pandey**, YK Sahu, PK Sethy* and SK Behera (2021). Futuristic AI- Convergence of megatrends: IoT and Cloud Computing. Microprocessor and Microsystems, Elsevier. **(SCI Indexed) (Revision Submitted)**.
2. **C Pandey** and PK Sethy* (2021). Speech Command Recognition based on Deep Image Classification. International Journal of Speech Technology, Springer **(Scopus Indexed) (Revision Submitted)**
3. SC Rajpoot, **C Pandey***, PK Sethy, PS Rajpoot and Prof. SK Singhai (2021). A Dynamic-SUGPDS model for Faults Detection and Isolation of Underground power cable based on Detection and Isolation Algorithm and Smart Sensors. Journal of Electrical Engineering & Technology, Springer. DOI: <https://doi.org/10.1007/s42835-021-00715-7> **(SCI Indexed)**
4. PK Sethy, **C Pandey***, Dr. M.R. Khan, SK Behera, Vijaykumar K and S Panigrahi (2021). A Cost-Effective Computer-Vision Based Breast Cancer Diagnosis. The Journal of Intelligent and Fuzzy Systems, IOS Press. DOI: 10.3233/JIFS-189848 **(SCI Indexed)**
5. PK Sethy, SK Behera*, N Kannan, S Narayanan, and **C Pandey** (2021). “Smart Paddy Field Monitoring System Using Deep Learning and IoT.” Concurrent Engineering, (January 2021). <https://doi.org/10.1177/1063293X21988944>. **(SCI Indexed)**.
6. PK Sethy*, SK Behera, A Komma, **C Pandey** and M.R. khan (2020). Computer aid screening of COVID-19 using X-ray and CT scan images: An inner comparison. Journal of X-Ray Science and Technology. 1 Jan.2021: 1 – 14. DOI: 10.3233/XST-200784. **(SCI Indexed)**.
7. S Kumar, S Singh, P Agarwal, U Acharya, PK Sethy*, **C Pandey** (2020). Speech quality evaluation for different pitch detection algorithms in LPC speech analysis–synthesis

system. International Journal of Speech Technology, Springer.
<https://doi.org/10.1007/s10772-020-09765-0> (**Scopus Indexed**)

Book Chapter Publications

1. **C Pandey***, PK Sethy, SK Behera, J Vishwakarma and V Tande (2020). Smart Agriculture: Technological Advancements on Agriculture- A Systematical Review. Poonia-Deep Learning for Sustainable Agriculture, Elsevier (**Accepted**) (**Scopus Indexed**).
2. **C Pandey***, PK Sethy, SK Bhera, SC Rajpoot, B Pandey and P Biswas. Evaluation of Transfer Learning Model for Mango Recognition. In: Reddy A., Marla D., Favorskaya M.N., Satapathy S.C. (eds) Intelligent Manufacturing and Energy Sustainability. Smart Innovation, Systems and Technologies, vol 213. Springer, Singapore.
https://doi.org/10.1007/978-981-33-4443-3_45 (**Scopus Indexed**)

Conference Publications

1. PK Sethy, **C Pandey***, SK Behera, SC Rajpoot and Dr. M. R. Khan. Block Chain: IoT Security, Privacy and Resource Challenges. International Conference on Recent Trends in Communication & Electronics (ICCE-2020), KIET Group of Institutions, Delhi-NCR, Meerut Road (NH-58), Ghaziabad. (**Scopus Indexed**) (**Presented in the Conference**).
2. **C Pandey***, PK Sethy, SK Behera, J Vishwakarma, SC Rajpoot and B Nayak. An Automated Chilli Yield Estimation Approach Based on Image Processing. 4th International Conference on Recent Trends in Communication & Electronics (ICCE-2020), KIET Group of Institutions, Delhi-NCR, Meerut Road (NH-58), Ghaziabad. (**Scopus Indexed**)(**Presented in the Conference**)
3. **C. Pandey***, P. K. Sethy, P. Biswas, S. K. Behera and M. R. Khan, "Quality Evaluation of Pomegranate Fruit using Image Processing Techniques," 2020 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2020, pp. 0038-0040, doi: 10.1109/ICCSP48568.2020.9182232. (**IEEE Conference**)
4. P. Biswas, **C. Pandey**, A. K. Thakur*, M. R. Khan and S. Rathore, "Algorithm Design Simulation Performance Analysis of MIMO GMSK System for Radio Communication on AWGN Channel," 2020 International Conference on Communication and Signal

Processing (ICCSP), Chennai, India, 2020, pp. 1261-1264, doi: 10.1109/ICCSP48568.2020.9182061. (**IEEE Conference**)

5. Y. K. Sahu*, **C. Pandey**, P. Biswas, M. R. Khan and S. Rathore, "Minimum Time Delay and More Efficient Image Filtering Brain Tumour Detection with the help of MATLAB," 2020 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2020, pp. 1195-1199, doi: 10.1109/ICCSP48568.2020.9182205. (**IEEE Conference**)

Preprint Publication

1. PK Sethy, C Pandey and SK Behera (2021). Computer Aid Screening of COVID19 using X-ray and CT Scan Images: A Comparative Study. Preprints 2020, 2020080472 (doi: 10.20944/preprints202008.0472.v1).