Programmes/Activities for Advanced Learners to participate beyond classrooms

The University follows a structured baseline test followed by a mentoring process to identify slow learners and fast learners in each programme. The framework allows to consider previous academic performance, foundation knowledge related to programme and future interest. The faculty mentors keep tracking the academic and co-curricular activities undertaken by student and the 1st semester result, the students are classified under slow/fast learners.

Plan of action for Fast Learners;

a. **Learn the world;** students are encouraged to learn additional courses from MOOC; NPTEL, COURSERA, EDX, UDEMY etc. These courses are given due credit to the students under CBCS curriculum.

Student Name	Regd No	Subject Name	Platform	Credit
2020				
TUSHAR ANAND	160301120102	DATA SCIENCE FOR ENGINEERS	NPTEL	3
PAWAN KUMAR	160301120106	DATA SCIENCE FOR ENGINEERS	NPTEL	3
RITESH KUMAR	160301120108	DATA SCIENCE FOR ENGINEERS	NPTEL	3
SANDEEP PRASAD JENA	160301120110	DATA SCIENCE FOR ENGINEERS	NPTEL	3
MANISH SINGH	160301120154	Basics of Digital Marketing	NPTEL	4
ABDUL RAHEMAN	170301120010	INTRODUCTION TO CYBERSECURITY	Udemy	2
ABDUL RAHEMAN	170301120010	INTRODUCTION TO IoT	CISCO	2
SWARNAVA BHATTACHARYA	180301200001	MACHINE LEARNING WITH PYTHON: A PRACTICAL INTRODUCTION	Coursera	3
2021				
PRATIK PANDA	180301120001	Fundamental of digital marketing	Google	4
LALBABU PRASAD	210506112001	Antennas	NPTEL Online Certification	4
BH VSRK AYYAPPA KUMAR	210506112002	Evaluation of Air interface towards 5G	NPTEL Online certification	4
JYOTI PRAKASH SAHOO	180301120002	React(incl Hooks, React Router, Redux)	Udemy	3
MAYUR MILLAN PATTANAIK	180301120003	Fundamental of digital marketing	Google	4
RUPALI JENA	180301120004	Fundamental of digital marketing	Google	4
NEHA MODI	180301120008	Applied Ethical Hacking and Rules of Engagement	Udemy	4

M R ANIKET	180301120009	Fundamental of digital marketing	Google	4
VISHAL KUMAR	180301120010	Fundamental of digital marketing	Google	4
ISHIPRASAD SWAMY	180301120011	Applied Ethical Hacking and Rules of Engagement	Udemy	4
SAUMYA SWAIN	180301120014	Fundamental of digital marketing	Google	4
JYOTIRANJAN NAYAK	180301120016	Fundamental of digital marketing	Google	4
SNIGDHA MISHRA	180301120017	Applied Ethical Hacking and Rules of Engagement	Udemy	4
PRABIN MANTRY	180301120018	Fundamental of digital marketing	Google	4
RATNAKAR TUDU	180301120019	Excel Skills for Business: Essentials	Coursera	2
DEEPAK KUMAR NAYAK	180301120021	Fundamental of digital marketing	Google	4
AKASH ACHARYA	180301120023	Fundamental of digital marketing	Google	4
SOURAV SAGAR	180301120024	Fundamental of digital marketing	Google	4
ISHWAR RAI	180301120026	Fundamental of digital marketing	Google	4
ABINASH RAY	180301120027	Fundamental of digital marketing	Google	4
JYOTIRANJAN MOHANTY	180301120028	Fundamental of digital marketing	Google	4
MOHAN CHANDRA MAHANTA	180301120029	Applied Ethical Hacking and Rules of Engagement	Udemy	4
ANSHUMAN DAS	180301120030	React(incl Hooks, ReactRouter, Redux)	Udemy	4
ATUL THAKUR	180301120031	Unreal Engine C++ The Ultimate Shooter Course	Udemy	4
SURAJ MALLICK	180301120032	Python for Data Structures,Algorithms	Udemy	4
RUPAK KUMAR PRADHAN	180301120033	TCS iON Career Edge-Young Professional	TCS iON	1
DHEEMAN PATI	180301120034	Flutter & Dart-The Complete Guide	Udemy	4
HARSHIT SWAIN	180301120035	React(incl Hooks, React Router, Redux)	Udemy	4
PRIYANTU PANDA	180301120037	Unreal Engine C++ The Ultimate Shooter Course	Udemy	4
SIBA PRASAD SAHOO	180301120038	Deeplearning.AI	Coursera	4
ROHIT RAJ	180301120040	The Complete Web Development Bootcamp	Udemy	4
NIDHI GUPTA	180301120041	Applied Ethical Hacking and Rules of Engagement	Udemy	4
SUBHAM NAYAK	180301120042	Ethical Hacking	Internshala	4
A SUDHA PATRA	180301120043	Fundamental of digital marketing	Google	4
SUDIP MAITY	180301120044	Unreal Engine C++ The Ultimate Shooter Course	Udemy	4
ANJANEYA KANUNGO	180301120047	Fundamental of digital marketing	Google	4
SUSMITA SAU	180301120048	Fundamental of digital marketing	Google	4
PRATYUSH NAYAK	180301120050	Fundamental of digital marketing	Google	4
REETESWAR PRADHAN	180301120053	Fundamental of digital marketing	Google	4

ABHISHEK KUMAR	180301120054	Applied Ethical Hacking and Rules of Engagement	Udemy	4
DIPTI SAHU	180301120055	Fundamental of digital marketing	Google	4
SANPREET SINGH	180301120056	Fundamental of digital marketing	Google	4
SUBHAM SOURAV SWAIN	180301120059	React (incl Hooks, React Router, Redux)	Udemy	4
SIBUN KUMAR BEHERA	180301120061	Unreal Engine C++ The Ultimate Shooter Course	Udemy	4
SANKET KAR	180301120064	Excel Skills for Business: Essentials	Coursera	4
SAYEL PAUL	180301120065	Fundamental of digital marketing	Google	4
PUSPAMITRA NAYAK	180301120066	Fundamental of digital marketing	Google	4
ASIM GHOSH	180301120067	Fundamental of digital marketing	Google	4
LOHIT KUMAR PRADHAN	180301120068	Fundamental of digital marketing	Google	4
IPSITA PATI	180301120070	Ethical Hacking	Internshala	4
SANDEEP KUMAR NAYAK	180301120071	Applied Ethical Hacking and Rules of Engagement	Udemy	4
GAGAN KUMAR BEHERA	180301120073	Fundamental of digital marketing	Google	4
CHINMAYEE HOTA	180301120074	Fundamental of digital marketing	Google	4
ASHUTOSH PRADHAN	180301120075	Fundamental of digital marketing	Google	4
ASHIM KUMAR DEY	180301120076	The full Stack Web Development	Udemy	4
JAGADISH NAYAK	180301120078	Fundamental of digital marketing	Google	4
PRIYANJEETA SAHU	180301120080	Fundamental of digital marketing	Google	4
ZOHAAR XAHERBABASIRI HEMBRAM	180301120082	iOS &Swift-The Complete iOS App Development BootCamp	Udemy	4
ASHUTOSH KUMAR PARIDA	180301120086	Fundamental of digital marketing	Google	4
MUSKAN MOHANTY	180301120087	Fundamental of digital marketing	Google	4
NARAYAN PANIGRAHY	180301120088	Fundamental of digital marketing	Google	4
AMIYA KUMAR MISHRA	180301120090	Fundamental of digital marketing	Google	4
MOHAMMED SOHAIL	180301120091	Fundamental of digital marketing	Google	4
ANURAG KUMAR	180301120092	Fundamental of digital marketing	Google	4
KRISHNA KANTA SAHOO	180301120093	Fundamental of digital marketing	Google	4
PRANAB KUMAR TRIPATHY	180301120096	Fundamental of digital marketing	Google	4
CHANDRAKANT BISWAL	180301120098	Fundamental of digital marketing	Google	4
PRADHYATMIKA GARNAYAK	180301120099	Fundamental of digital marketing	Google	4
P SAAHEL	180301120100	The ultimate fullstack Web Development Bootcamp	Udemy	4
SAGARIKA GURU	180301120102	Fundamental of digital marketing	Google	4
AVI BODH SINHA	180301120103	Digital Marketing	Udemy	4
BIBHUTI MAHATO	180301120104	Mega Digital Marketing Course	Udemy	4
AMARESWAR MOHAPATRA	180301120105	Fundamental of digital marketing	Google	4

Name	ID	Course	Platform	Credits
DIPANKAR RAI	180301121110	Arduino step by step	Udemy	4
UJJWAL KUMAR PRASAD	180301160006	React(incl Hooks, React Router, Redux)	Udemy	4
SWARNAVA BHATTACHARYA	180301200001	Fundamental of digital marketing	Google	4
SIMANCHAL SAHOO	180301200008	Fundamental of digital marketing	Google	4
MONALISHA BAL	180301200012	Fundamental of digital marketing	Google	4
SOHAIL MIRZA	180301121109	Full Stack Java developer	Udemy	4
PRATIKMOHAPATRA	200301120073	Software Design as an element of the Software Development Lifecycle	Coursera	2
		Software Development Processes and Methodologies	Coursera	1
		Introduction to Cloud Computing	Coursera	1
		Fundamentals of Graphic Design	Coursera	2
ASHISHJENA	200301120078	Software Development Processes and Methodologies	Coursera	1
ASRIYA	200301120079	Software Design as an element of the Software Development Lifecycle	Coursera	2
SAGAR KUMAROJHA	200301120123	Computer Graphics	NPTEL	4
2023				
Chetan KumarMallick	170301120160	Mega Digital Marketing Course	Udemy	4
Pritam Kumar Nayak	190301121115	The Joy of Computing using Python	NPTEL	4

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Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

TUSHAR ANAND

for successfully completing the course

Data Science for Engineers

with a consolidated score of **62** %

Online Assignments	21.33/25	Proctored Exam	40.91/75

Total number of candidates certified in this course: **1263**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
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NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

RITESH KUMAR

for successfully completing the course

Data Science for Engineers

with a consolidated score of **51** %

Online Assignments	20.79/25	Proctored Exam	30.3/75

Total number of candidates certified in this course: **1263**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL22EE22S24430906

To
LALBABU PRASHAD
D.NO:8-19-58,TANUKU RAJU BUILDINGBESIDE
DY.ELECTRICAL INSPECOFFICE GOPAL NAGAR
VIZIANAGARAM
ANDHRA PRADESH - 535003
PH. NO :9052056603

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

LALBABU PRASHAD

for successfully completing the course

Antennas

with a consolidated score of **71** %

Online Assignments	24.06/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **163**

Sridhar

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Roll No: NPTEL22EE56S14080081

To
BH V S R K AYYAPPA KUMAR
8-6-9/1, CHAMARATHI VARI STREET
GANDHINAGAR
KAKINADA
ANDHRAPRADESH - 533004
PH. NO :9030153531

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

BH V S R K AYYAPPA KUMAR

for successfully completing the course

Evolution of Air Interface Towards 5G

with a consolidated score of **50** %

Online Assignments	18.29/25	Proctored Exam	31.9/75

Total number of candidates certified in this course: **102**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Feb-Apr 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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VERIFIED
CERTIFICATE *of* ACHIEVEMENT

IBM®

Saeel A.

Saeed Aghabozorgi
Senior Data Scientist
IBM

This is to certify that

Swarnava Bhattacharya

successfully completed and received a passing grade in

ML0101EN: Machine Learning with Python: A Practical Introduction

a course of study offered by IBM, an online learning initiative of IBM.

edX

VERIFIED CERTIFICATE
Issued June 14, 2019

VALID CERTIFICATE ID
59c9ce8f398546239db5dd1b81bd5bc7

CISCO. Corporate Social Responsibility

Certificate of Course Completion

Cisco Networking Academy

Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

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Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Abdul Raheman

Student
20 Jun 2020

Date

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Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRITAM KUMAR NAYAK

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **71** %

Online Assignments	24.78/25	Programming Exam	25/25	Proctored Exam	21.5/50

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
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Roll No:NPTEL22CS31S14130005

To validate and check scores: https://nptel.ac.in/noc

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SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to
Manish Kumar Singh
for successfully completing the four credit course
Basics of Digital Marketing
with a consolidated score of 69%
from the evaluation based on continuous online assessments and the proctored
examination held in month of November 2019.

Roll No. : 400530

This course was offered by Dr. Lalit Engle of Devi Ahilya Vishwavidyalaya, Indore

Marks in Online Assignments		Marks in proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	26	70	43	100	69

J. B. Nadda
National Coordinator
Consortium for Educational Communication (CEC),
New Delhi

CEC

Dr. Akhileeh Kumar Singh
Director, EMRC
Devi Ahilya Vishwavidyalaya, Indore

Issued On : 13/12/2019

To validate and check scores: https://swayam.gov.in

udemy

CERTIFICATE OF COMPLETION

Full Stack Java developer - Java + JSP + Restful WS + Spring

Instructors **StudyEasy Organisation, Chaand Sheikh**

Sohail Mirza

Date **Dec. 22, 2021**
Length **65 total hours**

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SWAYAM Online Course Certification

This certificate is awarded to

SRIDHAR KUMAR PANDA

for successfully completing the Course

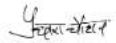**"Basics of Remote sensing, GIS & GNSS Technology and their Applications"**

with a consolidated score of **54 %**

In the Proctored Examination held during **August 2021**

Online Assignments	19/30	Proctored Exam	35/70

Total no. of candidates certified in this course : **173**

Dr. Prakash Chauhan
Director,
Indian Institute of Remote Sensing

(15 Week Course)
JAN– ARPIL 2021

Prof. Rajive Kumar
Member Secretary
AICTE, New Delhi

Indian Institute of Remote Sensing, ISRO

FREE ONLINE EDUCATION
swayam

Roll No. OR030111004

To validate and check scores: https://swayam.gov.in

b. **Industry Certified Courses;** As a skill University the focus is to incorporate industry skill into higher education. Students are encouraged to undertake courses that are certified by Industry viz; AWS, DASSAULT, IBM

REGD. NO.	NAME OF THE STUDENT	BATCH	INDUSTRY CERTIFICATE COMPLETED
160301120001	PRIYANKA PATTNAIK	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120002	MITALI DAS	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120005	RANJIT KUMAR JENA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER

160301120009	DURESH PATNAIK	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120010	DHRUBA JYOTI GHOSH	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120012	ANKIT SHARMA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120013	SHUBRAT SAHA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120019	PINAKI PARASARA PANDA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120020	ASHIT KUMAR MUDULI	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120024	PRITAM MOHAPATRA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120026	VIKASHKUMAR	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120030	PARESH SATAPATHY	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120076	SANDEEP KUMAR DHAL	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120078	SOUMYA SUMAN PARIDA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120081	SARTHAK KUMAR PANDA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120082	ABHISHEK SWAIN	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120089	GAYATRI PATI	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120122	ANJALI AGARWAL	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120124	NAMRATA NAIK	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120140	PRIYA MAHATO	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120141	KUNAMI CHAMPA MAJHI	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120145	ALISHA PATRO	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120152	MONALIGOUDA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120156	SOUMYA RANJAN SAHU	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120160	SONI MAHARATHI	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120168	MANOJ KUMAR SWAIN	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120176	KAUSHIK DAS	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER

160301120206	PRATIKSHYA MOHANTY	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301120231	MAMALI MANOSMITA SAMANTRAY	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301121249	GOURAV KUMAR	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
160301121250	MOUSUMI MOHAPATRA	2016-2020	AWS CERTIFIED CLOUD PRACTITIONER
170301120006	SANGRAM KESHARI SAHOO	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120019	DEBASISH SUNDARAY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120035	RUDRAPRASAD MOHANTY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120036	MANIPRASAD MISHRA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120050	ASHUTOSH TRIPATHY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120052	ARYAMAN NAYAK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120054	T.SONALI PATRO	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120057	SUVAM KUMAR NAYAK	2017-2022	AWS CERTIFIED CLOUD PRACTITIONER
170301120058	BHARGABA UPADHYAY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120060	RAKESH GAHIR	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120065	SMRUTI SHRIYA MISHRA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120069	SHRUTI DASH	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120071	CHINNAPA ABHISEKH	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120073	SUBHAJIT MISHRA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120074	SACHIDANANDA DIKHIT	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120075	DINESH BHUKTA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120078	SIBASISH MOHANTY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120079	MANISHA BEHERA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120080	TAPAS KUMAR BARIK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120088	RANI KUMARI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER

170301120112	BARSHA SAHU	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120121	SIDHARTH BISOI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120145	SARITA SUHASINI SENAPATI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120149	SOUMYA SURAVITA MAHAPATRA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120157	SURAJ DEV RAJAK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120162	SUBHAM MOHANTY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120162	SUBHAM MOHANTY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120163	ASUTOSH NANDA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120165	SASWAT MOHAPATRA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170301120170	BISWAJIT PATASANI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120001	DIGVIJAY BEHERA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120002	DEEPIKA YEDLA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120003	DEBASIS PADHY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120011	SEPHALI PANDA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120012	SOUMYO	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120013	SANDEEP	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120015	LAKSHMI PRASANNA SIRIPURAM	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120016	DIVYA TEJA CHIKATI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120019	SRIJA VOONA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120020	P HARSHA VARDHAN	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120023	PAVAN KALYAN	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120025	SAASWAT PANIGRAHI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120028	DIVYA ROUTU	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120029	PRIYANKA POREDDI	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER

170101120035	SHREYA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120038	PRAVEENA KILLAMSETTY	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120039	T.RAHUL	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120040	ABHISEK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120043	DAYA SANKAR	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120045	KARTHIK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120046	AMOSH KHURA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120052	PINTU KARJEE	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120053	DHARAM NISHAN MISHAL	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120054	AYUBA BHUYAN	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120056	SANJANA SINGH	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120064	DHANUSHA	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120067	VAMSI KRISHNA POTNURU	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
170101120071	SNIGDHA PATNAIK	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120004	Anupriya Savaravilli	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120019	Kowshik Jogi	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120024	Manthena Balaji	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120027	Karam Siva Madhavi	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120029	Lalam Naveen	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120032	Karthik	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120033	Srinivas	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120036	Ch Prabhakar	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120038	M.R.P.S.Rohitha	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120046	Sk.Ameer	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER

171801120053	B.Vishnu Vamsi	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120056	V Vamsi Krishna	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
171801120057	Shiva Prasad	2017-2021	AWS CERTIFIED CLOUD PRACTITIONER
181801120010	Maradani chanakya	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120008	VANKA SIVA KRISHNA CHOWDARY	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180301200010	BIRANCHI PRASAD BARIK	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120028	Alyana Vandana	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120006	Saikumar Ponduru	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120002	Nagisetti satya Sravani	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120009	killamsetty supriya	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801130008	RAMESWARAPU	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120059	GORLE HARISH	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120007	NALANAGULA ROHIT	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120022	V.V. Sri Chandana	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101130004	Dabbeeru Bhargavi	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120015	Radhika prasad Yandamuri	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120015	Yandamuri radhikaprasad	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120001	Vardhineedi Navaneeth	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120016	Jai Chandu Ampolu	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120034	A. Srivalli	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120035	Ramya Gumpu	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120003	Dovlipilli Anil Kumar	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120036	Tillothama isai	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120026	Vyitla RushithaSai	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER

181801120016	Vakada.Niharika	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120039	Kadambala Gunasri	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120049	Chakramahanty harshita	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120055	Savirigana Pooja	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120039	Kadambala Gunasri	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120044	Chandrika Mamidi	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120046	Badiyala prashanthi	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120027	Harika Bandaru	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
181801120011	Kaky Jyothirmai Charishma	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101120055	Savirigana Pooja	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101130004	Dabbeeru Bhargavi	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180101130003	VARISA MOULI	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
180301120017	Snigdha Mishra	2018-2022	AWS CERTIFIED CLOUD PRACTITIONER
200301120066	Anwesh Panda	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120067	Soumya Ranjan Mohanty	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120073	Pratik Mohapatra	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120076	Like Mohanty	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120079	A Sriya	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120081	Biswajit Sahoo	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120088	Ashish Pradhan	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120089	Badal Kumar Behera	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120094	Shiba Prasad Mallik	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120104	Subhasis pradhan	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120114	Brahmananda sethi	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER

200301120128	Kiran Kumar Malik	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120144	Aditya Kumar Das	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120148	Lalatendu bidyadhar samal	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120150	Chiranjeeb Garnayak	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120166	Deepan Behera	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120178	Biswopati Samal	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120180	Debidutta Acharya	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120183	P Sudip Kumar Prusty	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301120188	Chandan Kumar Sahu	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301121194	Priyanshu Dash	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER
200301121201	Sameer Dehury	2020-2024	AWS CERTIFIED CLOUD PRACTITIONER

aws certified

Kiran Kumar Malik

AWS Certified Cloud Practitioner

VALIDATION NUMBER: TQHKQM8DNMV4Q0C5
VALIDATE AT: https://aws.amazon.com/verification

Issue Date: May 23, 2022
Expiration Date: May 23, 2025

aws✓certified

Kiran Kumar Malik

AWS Certified Solutions Architect - Associate

VALIDATION NUMBER: KD7G2SHK6FF11TW4
VALIDATE AT: https://aws.amazon.com/verification

Issue Date: Nov 09, 2022
Expiration Date: Nov 09, 2025

aws✓certified

A Sriya

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date
May 18, 2022

Expiration Date
May 18, 2025

AWS Training and Certification

Validation Number J7T1ESZJN1EQQN9F
Validate at: https://aws.amazon.com/verification

aws ✓ certified

Badal Kumar Behera

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date
May 28, 2022

Expiration Date
May 28, 2025

AWS Training and Certification

Validation Number 2QRNDWZJFJ1Q11CQ
Validate at: https://aws.amazon.com/verification

aws ✓ certified

Biswajit Sahoo

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date
May 28, 2022

Expiration Date
May 28, 2025

AWS Training and Certification

Validation Number F86NGWNJPER4QKCX
Validate at: https://aws.amazon.com/verification

Google Digital Garage

KIRAN KUMAR MALIK

is hereby awarded this certificate of achievement for the successful
completion of **The Fundamentals of Digital Marketing** certification exam
on **04/10/2022**

Matt Britti
President — Google EMEA

iab!
ENDORSED

The Open
University

Townsend Pamela Feehan
CEO — IAB Europe

Certificate ID: C55 NME K8W

Verify the authenticity of this certificate at: https://learndigital.withgoogle.com/link/1qsdpcedm9s

aws academy

PULAKALA RAJESWARI

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed

20 hours

Issued on

11/22/2022

Digital badge

https://www.credly.com/go/VEALVbmI

world

c. **World skill event/International event by Dassault On Living Heritage**

World Skills Competitions are the gold standard of skills excellence. They inspire young competitors to reach new heights, helping them turn their passion into a profession. It is done through the organization of the world championships of vocational skills and is held every two years in different parts of the world. It brings together young people, industry, government, education, and institutions, to promote the benefits of and need for skilled trade professionals. The aims of the competition include demonstrating the advantages of learning a vocational skill and encouraging 'parity of esteem' between vocational and academic qualifications.

One of such examples is the constant progress of the students towards the World skill competition to be held at Shanghai in 2022. 8 groups of students who had qualified the Odisha skill (state level) competition appeared in Regional skill competition (East) at Patna from 21 to 23 October 2021. They had competed with students from states of Bihar, Jharkhand, West Bengal, Andaman and Nicobar and North Eastern states. The result of the competition was announced on 23rd October and J. Lavanya, a paramedic student

has topped in the trade of healthcare, bagging a gold medal. Similarly Hritik Patra, a student of Mechanical Engineering had bagged a gold medal in the area of Joinery (Wood works). A new and sophisticated area of 3d game art was mastered by Saurav Dhali, a Computer Science and Engineering student bagging a silver medal. Satya Ranjan Mohanty bagged a silver in CNC turning. Similarly two groups of cyber-security, one who has won gold (Pranab and Srinibas) and another who got silver (Abhigyan and Rohan) in Odisha skill competition got qualified along with Chinmaya of Cloud Computing.

All of the students are qualified to compete in India skill (National level) and dates are yet to be announced. The students owe their success to the state of art infrastructure and qualified pool of skilled professionals as their guide and mentor. The University encourages all of its students to participate in such competitions and extends all its support and wishes the participant all the best for future endeavors.

Computer Numerical Control Turning (CNC Turning)

CUTM-GT hosts one of the best CNC machining centers in the state of Odisha. It is equipped with 3 axes CNC, 5 axis Mill Centre and DMG MORRI Turn-Mill center. The unit caters to sectors such as aerospace, defense, heavy engineering and others. The University exposes students to live production processes and interested students get trained on CNC Turning and CNC Milling owing to the World Skill competition.

One of the students Mr. Satya Ranjan Mohanty qualified the Regional Skill Competition winning a Silver medal in CNC turning. It has qualified him for the National Skill Competition which acts as a harbinger to the World Skill Competition.

Joinery/ Woodworks

CUTM-GT had a state of art infrastructure wood work facility. It is equipped with wood CNC, table router, compound and simple mitre saw, different groove cutter and other sophisticated tools. Each of the cutters

are equipped with a dust collector as an integral unit and all the wood dust is recycled as combustibles. The facility serves as a production unit catering furniture needs of the University and also caters to outside clientele. It adheres to quality at each step in manufacturing and delivery thereby confirming to ISO 9001:2015.

Hritik Patra, a student of Mechanical Engineering had bagged a gold medal in the area of Joinery in the Regional skill competition. It has qualified him to become eligible for the National Skill Competition. Likewise, Mr Rajesh Patra had attempted his best in the Odisha skill competition.

Cyber Security

CUTM is actively involved in educating and training the students on the system and server hardening and working in a live scenario in forensic case and threat hunting. Cybersecurity competition is a 4 day competition. In CTF (Capture The Flag), the students learn privilege escalation and CTF attack and defense to server.

Two groups of cyber security, one who has won gold (Pranab and Srinibas) and another who got silver (Abhigyan and Rohan) in Odisha skill competition got qualified. Rohan Kar bagged the Silver medal in State level and a Medal of excellence in the Nationals in India Skills.

3D Game Art

CUTM offers an exquisite 3D Digital Game teaching and training wherein the Artist draws, models, and animates in different styles depending on the type of game. The students are also imparted training in every aspect, from taking a designer's brief to using creative, technical, and specialist skills to deliver a marketable game. The challenge is to take a concept and transform it into a 3D mesh which harnesses a wide range of skill sets from good geometry decisions to symmetry and texture.

The University`s Augmented and Virtual Reality laboratory has all the necessary software like Maya, Z brush, surface painter, Photoshop and others. The students out of their own interest and willingness to learn these and efforts as such has enabled Mr Saurav Dhali triumphant in the Regional Skill Competition thereby qualifying him for Nationals.

Dassault event

Students participated in an international event organized by Dassault Systems to preserve world heritage which physically doesn't exist or partly lost. Five students participated in this event and developed digital twin of Konark Sun Temple. They were also sponsored by Dassault to visit Pyaria and present along with other countries. This project was selected by Dassaukt to make a commercial film.

India Team

Credits

Rohan Ruidas, Shireen Hossain, Shiba Reddy, Dibyajyoti Nayak, Vallangi Jatin Krishna, Prasanta Kumar Mohanty, Avinash Kumar Singh, Laxmidhar Reddy, Lipsa Patra

d. **Patent and publication;** The fast learners are encouraged to work in our Research centers along with faculty and have filed patent and publications in conferences/journals.

Publications:

1. **Shrutirekha Tripathy, Mitali M. Sahoo**, Nimay Chandra Giri et al."Sustainable Emergency Light for Scarcely Electrified Area of India", Current Journal of Applied Science and Technology, 2457-1024, 40(11): 74-82, 2021. https://doi.org/10.9734/cjast/2021/v40i1131372

2. **Bibhuti Bhusan Pani**, Nimay Chandra Giri et al. "Fault Detection and Troubleshooting in a PV Grid-Tied Inverter", Indian Journal of Science and Technology, 14(x): 1-10, 0974-6846, 2021. https://doi.org/10.17485/IJST/v14i22.661

3. Nimay Chandra Giri, Debraj Rana, S.P. Mishra, **Bibhuti Bhusan Pani,** "Efficacy of Solar Powered Water Pumps for Rural Farmers in Odisha; India", PalArch's Journal of Archaeology of Egypt/Egyptology, 1567-214X, 17(9): 2020.

4. **Chakraborty, M.**, Jena, S. P., & Chakravarty, S. (2022, October). IoT-Based Employee Location Tracking with Google Maps using STM32 and ESP Microcontroller-A Technological Comparison. In *2022 1st IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDeA)* (pp. 100-105). IEEE.

5. **Swain, S., Deepak, A., Pradhan, A. K., Urma, S. K.**, Jena, S. P., & Chakravarty, S. (2022, October). Real-Time Dog Detection and Alert System using Tensorflow Lite Embedded on Edge Device. In *2022 1st IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDeA)* (pp. 238-241). IEEE.

6. **Prasad L. B**, Mohanta, Harish Chandra., and Vinay K. P. 2022. Wide Band Conformal Coplanar Benz Shaped Circular Ring Antenna for C and X Band Applications, IEEE Conference.

7. **Sahoo Mahendra.**, and Mohanta, Harish Chandra., 2020.Design of a compact dual-band fork-shaped monopole antenna, Shodh Sanchar Bulletin, vol. 10 (40), pp. 1-6.

8. **Satapathy S.**, Mohanta, Harish Chandra., 2017. Contrastive parametric analysis of rectangular and circular microstrip patch antenna, IJRIAS journal, vol. 2.

9. **Patasani Sushree Subhasmiata**, and Mohanta, Harish Chandra., 2020. Design of a metamaterial absorber, Palarch's Journal Of Archaeology of Egypt/Egyptology, vol. 17 (9).
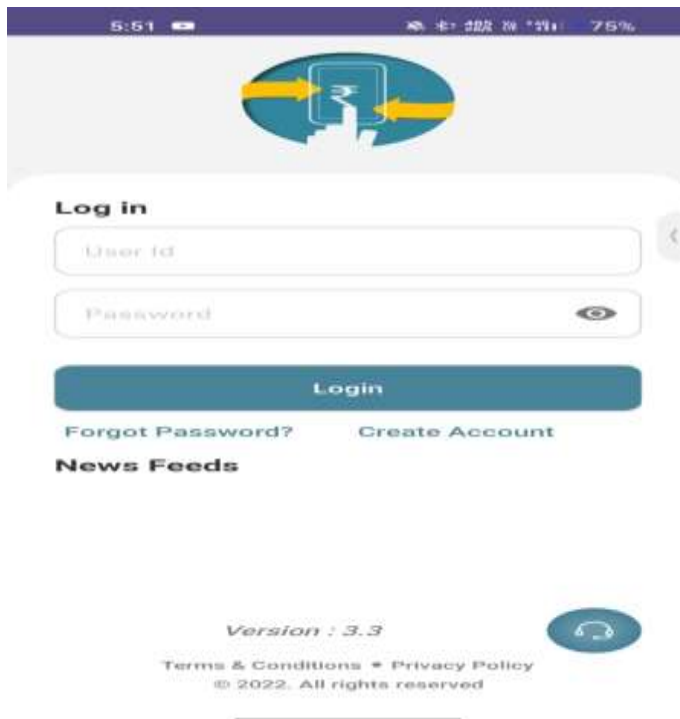
Patent:

1. Nimay Chandra Giri, **Suraj Kumar**, Debani Prasad Mishra, and Namrata Sengar, "Advanced onion storage container" field to Indian patent.

e. **Product development;** The University offers a Go-To Market domain of 100 days for the fast learners to participate to develop a product in digital manufacturing using 3D Experience software of Dassault Systemes. Students follow GATE process from idea to prototype and simulated to validate the digital twin product

A group of students worked on an assignment by GTIDS company to develop Fintech App. Using his app company can do Financial Inclusion (FI) Transaction [includes aadhar and Debit card based Withdrawal, Mini Statement, Balance Enquiry] and Non Financial Inclusion (FI) transactions [Loans, Bill Payments, Mutual Funds]

Name of students; Subhramanayam Maradani, Jaitej, Tirumala M and Bhavya M

Fig1. Two Students (Mr. DEBASHIS MAHANTY and Mr. PRATYUSH KUMAR NAYAK from ECE Department) are engaged in the implementation of the IIoT based Garment Production Line Tracking

Product: **Solar-powered DC fan**

Students:

A solar DC fan is a mechanical fan powered by solar panels. The solar panels are either mounted on the device or are installed independently. Solar fans mostly do not require secondary power sources other than solar power, as most of them are used for cooling purposes during day time. Some types are also used for heating purposes. It runs the fastest when it is the hottest outside providing savings on air conditioning costs.

Components:
The major components of this project are-
1. Mini solar panel (2 W)
2. Battery (6V 4 Ah)
3. DC Fan
4. Controller
5. Connecting wire

Fig. 1. Solar power DC fan

Product: **Dynamic solar PV lighting system**

Students: Teepra Mahanta, Bhagyashree Bhatra, A Das, T Das

Components:
The major components of this project are-
1.Solar panel (10-20 W)
2.Battery (12 V 7.5 Ah)
3.DC Light
4.Controller
5.Connecting wire

Fig. 2. Dynamic solar PV lighting system

Product: **Solar Tree**

Students: Upasona Patra, Srutishree Mishra, Abhijit Gantayat

Solar Tree is an environmental enterprise, an ecological sculpture, an artificial solar structure that looks like sculptural trees and exists from small scale (size of a bonsai tree) to large scale (about the size of a wind turbine) power plant. It is an independent unit that produces green energy and provides a place of comfort and energy for a wide variety of services. The structure is a ground-mounted solar system with a pole that supports many individual panels up in the air. The aesthetics of solar trees differ and they have been designed to provide different means of power to different urban and built environments. It can be placed in residential areas and in urban areas, courtyards, schools and universities, parks, and along hiking trails. It can also be placed in cultural institutions as an icon and a symbol of community, environment, and green education.

Components:
The major components of this project are-
1.Mini solar panel (7 nos)
2.Battery (4V 2 Ah)
3.Connecting wire
4.Structure/Frame

Fig. 3. Solar Tree

Product: Solar powered sewing machine for rural India

Students: Niharika Dehuri, R Majhi, D. K. Ratnalu, K. Srinivasu

Components:
The major components of this project are-
1. Solar panel (75 Wp)
2. Battery (12V 45 Ah)
3. Controller (12 V 10 A)
4. Connecting wire
5. Sewing machine

Fig, 4. Solar powered sewing machine

Project/Product: **Optimization of Solar Power Harvesting System with a Portable Mounting Structure**

Students: D. Shiridi Sagar, Sibsundar Mirda, Prabhu P.rasad Das, Asis Ku. Samal, Soumya Ranjan Pradhan

Fig. 5. Agrivoltaic system or Solar power harvesting system

Product; Solar Operated Organic Pesticide Sprayer

Students Involved: Pani Sunjeet Kumar, Denish Kumar Dalbehera, Hrushikesh Mishra, SK.Saaduddin, Bhaktaram Sahu, Pawan Yadav

The objective is to develop a solar-operated pesticide sprayer for undertaking agricultural activities and attaining a sustainable solution for the rural farmers in order to reduce drudgery, etc. The performance of the sprayer has been evaluated through experiment and simulation. The solar panel, battery, and charge controller are electrically connected to run the DC motor.

Product;Solar Operated Blacksmith Blower

Students Involved: Priyam Patra, Debabrata Jena, Bharat Bhusan Jena, Pranjal Srivastava, Satyam Priyadarshi Sahoo

Blacksmiths generally do the forging operation by hand which requires more time and have survived to exist in the rural economy even today. Due to unavailability of electricity and limitation of modern energy sources, economic development of rural areas lies on the extreme poverty line. Development of solar operated blacksmith blowers gives a reliable and sustainable solution to blacksmiths for their forging operation. The objective is to develop a solar operated blacksmith blower which was eco-friendly, less time consuming and high efficiency. The main components of solar operated blower are charge controller, battery, solar panel, DC blower and a speed controller.

Product; Development of Hybrid solar dryer using finned based collector

Students Involved: Somnath Kumar, Raunak Kumar, Sharad Kumar Urma, Swayam Subhajeet

The objective of this invention is to develop an energy-efficient and cost-effective hybrid-type solar drying system integrated with finned-based solar flat plate collector. It has a capacity of drying 15 kg of food products hygienically and has higher value addition to the food products. The present design enhances thermal efficiency by attaching 60 numbers of rectangular fins on the absorbing plate and supplying heated air continuously to the drying chamber by using a DC blower.

Product; Development of a Solar Parabolic Trough Collector

Students Involved: Ayush Kumar Sahu, Subrat Nayak, Sushmita rani pradhan, Soumya sonali kar, Subrat Nayak

The objective is to design a solar parabolic concentrator with Magnifying glass for water heating and cooking purposes. The main component of the parabolic concentrator is Receiver and reflector with a magnifying glass. The entire collector body is made up of Aluminium material (3 mm, glazing type). The receiver is a tube-like structure having an internal tube made up of copper (diameter=0.05m), and an outer tube made up of glass (diameter=0.08 m). Numbers of magnifying glass strips were inserted into the reflector to increase the reflectance. The reflector will focus the incident solar radiation into the receiver. The inlet of the receiver tube was connected with a DC motor which is operated by a solar panel in order to receive continuous circulation of hot water inside the receiver tube. A manual tracking system was used to rotate the concentrator per sun's direction.

Product; Production and Testing of Biodiesel in V.C.R engine

Students Involved: Ritik Kumar Bhata, Ritik Kumar Bhata, Avijit Pradhan, Aman Kumar Gupta

Biodiesel can be used as Alternative fuel and acts as Renewable energy source. Rapid growth in industrialization of developing countries is resulting in increasing demand for new and eco-friendly energy sources. In this present research biodiesel was prepared from Castor oil by esterification and Transesterification process. The castor oil biodiesel produced was blended with diesel to obtain B10.Performance evaluation was carried out in VCR engine and emission testing was done by Gas analyzer to know the percentage of CO,HC, NOX and comparison study was done with diesel and biodiesel blend. In this study it was found that NOx emission rate of biodiesel blend increases while percentage of CO, HC increases. Also various performance indicators such as brake mean effective pressure, specific fuel consumption; brake thermal efficiency was plotted with respect to variation of load by using VCR engine.

Product; Solar Box Type cooking Device for Sustainable Development of Rural Area

Students Involved: Sharad Kumar Urma, Swayam Subhajeet

Generally in Rural areas, people cook foods by using conventional methods such as Chulha which produces lots of smoke. This results in respiratory problems. The present research objective is to develop a solar operated box type of solar cooker as an alternative and cleaned energy solution for rural areas. The main component of this cooker is a folding type reflector made up of Aluminium (highly glazing material) which transmits all radiation and focus into the cooking chamber. There were six numbers of reflectors integrated and focused incident radiation individually to one point so that the heating effect was increased.It is lightweight and can be easily handled.

List of Publications by Students

1. Debashree Debadatta Behera, **Ayush kumar Sahu, Subrat Nayak, Soumya Sonali Kar, Gagan Patra, Sushmita Rani Pradhan,** "Performance Evaluation ofaSolar Parabolic trough Concentrator", Ambient Science,Vol.9,Issue.1, March, June, 2022, https://caves.res.in/journal/articles/Amb_Sci_09(2)_Nn02.pdf, **ESCI indexed.**

2. Debashree Debadatta Behera, **Aman Kumar Gupta**, Shiv Sankar Das, **Ritik Kumar Bhatta** and **Avijit Pradhan**, Preparation of Biodiesel from Castor Oil and Performance Evaluation in VCR Engine, Journal of Scientific Research & Reports, 27(6): 84-94, 2021; ISSN: 2320-0227, DOI: 10.9734/JSRR/2021/v27i630404, **NAAS Indexed.**

3. Debashree Debadatta Behera, **Suchismita Mandal, Subhalaxmi Shukla, Prangyashri Ranasingh,** PERFORMANCE ANALYSIS OF HYBRID TYPE SOLAR DRYER EMPLOYING SOLAR FLAT PLATE COLLECTOR, Shodh Sanchar Bulletin, 10(40): 64-68, 2020; ISSN: 2229-3620,**UGC Care Indexed**

Product; Smartphone monitoring of insulin pump via Bluetooth

Students Name-1. Anwesha Mohanty (200301130007)2. Debapriya Priya Manna (200301130009)

v

PRODUCT DEVELOPMENT: ORGANIC RESEARCH FARM(Coriander, Amaranthus, Methi, Cauliflower, Garden Pea, French Pea)
Students; Sonali Patel (190804130143),
Rashmi Pradhan   (190804130136),
Satya Prakash Rout (190804130107)

PRODUCT DEVELOPMENT: VERMI COMPOSTING

B. Sreya   190804130042

V.Haripriya   190804130012

L. Lavanya lahari   190804130052

Priti Ranjan Mundari   190804130226

PRODUCT DEVELOPMENT: Dragon Fruit
Subham Seth   190804130067
Uppada Kalayan   190804130163
G. Pavan Venkataram   190804130251
Karanam Vignan   190804130129

f. **Startup;** University encourages entrepreneurship culture and provides support to trigger entrepreneurial mindset of students to innovate products and make it commercial. Many students have been registered under startup and given infrastructure/financial aids from University as well as grants from other entity.

Name of the student	Name of the entity	Registration number	Funding
Bikash Barik	Glowtechmor	U72900OR2022PTC041177	
Chira Rajeswari Sushree Maharani Contact Number:	Transparent Tech		
Sivashreet Maharana	Betapoint Technologies Private Limited	U72900OR2022PTC039625	
Suman Kumar Sudhansu	Centurion Coffee Connect	9438903	
Smitanjali Rout	EVART ENGINEERING AND AUTOMOBILES LLP	9358948	
Siddharth Kumar	Mittiland LLP	U80900OR2022PTC038984	40,000 USD
Jamaluddin Khan	LIKHAN Ecowriting Pvt Ltd	U21094OR2020PTC032451	
Nihar Ranjan Panda	SKYYRIDER ELECTRIC Pvt Ltd	U34100OR2020PTC034758	3 Lakhs Start Up Odisha
Himanshu Sekhar Panda	SKYY RIDER INSTITUTIONS FOR ADVANCED SKILL AND RESEARCH PVT LTD	U80904OR2018PTC028377	2 Lakhs Start Up Odisha
Suman Kumar Sudhansu	Futurator India Pvt.ltd.	U29100BR2020PTC047444	

Subhendra Baliarsingh	Centurion Pavers		
Satish Mandal	Centurion Crafts		
Subrat Kumar Swain	Centurion MachTech	8928250	

g. **Higher Education/Research;** The fast learners are also encouraged to plan for higher studies in reputed Universities and take up research as a career. Our students have qualified JRF/NET to do research.

School of Applied Sciences

Student Name	Registration number/roll number for the exam	Type of Exam	Platform	Credit
2018.00				
Sangram Keshari Sahu	CY606A361	JAM	-	-
Pritam Kumar Mohanta	CY607A331	JAM	-	-
Mr Jibanjyoti Bidyasagar	1621220627.00	Odisha Adarsh Vidyalaya Recruitment examination	-	-
2019.00				
Jiban Mishra	307542.00	NET	-	-
BIKASH SENAPATI	PH602F271	JAM	-	-
S K Imran	F.33- 53/2020/NMHS/ZS	Junior Project Fellow in ZSI, India	-	-
	I/591	examination		
2020.00				
Miss Madhuchhanda Samantaray	TGTSC201375	Computer based test for High school teacher	-	-

		recruitment		
Miku Naik	MA602A087	JAM	-	-
RUDRANARAYAN SAHOO	OR04002342	NET	-	-
RENUKA SAHU	XL20S36041158	GATE	-	-
RENUKA SAHU	OR09000125	ICAR-JRF	-	-
BANAJA PRAKASHINI SAMANTARAY	210510130326.00	UGC - NET	-	-
2021.00				
Rajkishore Patra	OR05600818	NET	-	-
Rajkishore Patra	CY21S16010119	GATE	-	-
Kabyashree Diptimayee Swain	XL21S6605821	GATE	-	-
Akshaya Kumar Sahoo	OR04010080003	JRF	-	-
Bhagyajyoti Baral	OR04010080186	JRF	-	-
Snigdha Behera	OR04010080124	JRF	-	-
Kanak Meher	CY21S16009104	GATE	-	-
Kanak Meher	OR04001410	NET	-	-
SUCHISMITA SAHOO	XL22S66413020	GATE	-	-
SMRUTI REKHA DASH	XL22S66419253	GATE	-	-
Loknath Mishra	OR04002016	NET	-	-
2022.00				
SUCHISMITA SAHOO	OR04002319	NET	-	-

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
HUMAN RESOURCE DEVELOPMENT GROUP
CSIR Complex, Library Avenue
Pusa, New Delhi - 110 012, India

The date of declaration of result of **Joint CSIR-UGC Junior Research Fellowship & Eligibility for Lectureship (NET) Exam** held
on 16th June, 2019 is 09/08/2019

Marks Statement

Roll Number : **307542**
Name : **Mr. JIBAN MISHRA**
Subject : Life Science
Applied For : **JRF-LECTURESHIP**

Marks obtained	
Part A	3.5
Part B	27
Part C	65
Total Marks	95.5
Percentage	47.75%
Rank	99
Result	JRF(NET)-CSIR

CSIR HRDG is not responsible for any inadvertent error
that may have crept in the result being published on
internet.

GATE 2021 Scorecard

Graduate Aptitude Test in Engineering (GATE)

GATE 2021

Organising Institute
Indian Institute of Technology Bombay

Candidate's Details

Name

KABYASHREE DIPTIMAYEE SWAIN

Parent's / Guardian's Name

DIBAKAR SWAIN

Registration Number	Date of Birth
XL21S66058211	20-Jul-1997

Examination Paper

Life Sciences (XL)

Sections : Biochemistry (Q), Botany (R)

(Candidate's Signature)

Performance

GATE Score	378
Marks out of 100*	37.67

Qualifying Marks**	36.0	32.4	24.0
	General	EWS/OBC (NCL)	SC/ST/PwD

Number of Candidates Appeared in this paper	23973
All India Rank in this paper	3168

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.

19ᵗʰ March 2021

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

84077b05b1deec0acd01c6bfea69aba8

The GATE 2021 score is calculated using the formula

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

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

$\overline{M}_t$ 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 $\overline{M}_t$

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.

GATE 2021 Scorecard

GATE 2021
Graduate Aptitude Test in Engineering (GATE)

Candidate's Details

Name

KANAKALATA MEHER

Parent's / Guardian's Name

HEMANTA MEHER

Registration Number	Date of Birth
CY21S16009104	22-May-1997

Examination Paper

Chemistry (CY)

Kanakalata Meher
(Candidate's Signature)

Performance

GATE Score	383

Marks out of 100*	39

Qualifying Marks**	36.2	32.5	24.1
	General	EWS/OBC (NCL)	SC/ST/PwD

Number of Candidates Appeared in this paper	23465

All India Rank in this paper	2930

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.

19ᵗʰ March 2021

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

d6a5df0e1477fca42d4be7a3a81519c7

The GATE 2021 score is calculated using the formula

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

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

$\overline{M}_t$ 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 $\overline{M}_t$

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
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E – Thermodynamics
F – Polymer Science and Engineering
G – Food Technology
H – Atmospheric and Oceanic Sciences

XL: Life Sciences
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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.

Ministry of Education
Government of India

Human Resource Development Group
Council of Scientific & Industrial Research

राष्ट्रीय परीक्षा एजेंसी
National Testing Agency

Joint CSIR - UGC NET JUNE 2021
National Testing Agency - Score Card

Application Number :	211610066440		Roll Number :		OR04001410	
Candidate's Name :	KANAKALATA MEHER					
Mother's Name :	KUMARI MEHER					
Father's Name :	HEMANTA MEHER					
Category :	OBC- NCL (CENTRAL LIST)		Person with Disability(PwD) :		No	
Gender :	FEMALE		Date of Birth :		22-05-1997	
Subject :	CHEMICAL SCIENCES					
No of Candidates in this Subject	Registered :	46218	Appeared :	35784		
Applied For :	APPLIED FOR JRF					

Marks			
Paper	Maximum Marks		Marks Obtained
Part A	30		-0.500
Part B	70		21.500
Part C	100		65.000
Total Marks	200		86.000
Total Marks Obtained (in words)	EIGHTY SIX POINT ZERO ZERO ZERO ONLY		
Result	Lectureship/Assistant Professor		
RANK	49		

Dated : 09/03/2022

Senior Director, NTA

Note:

1. This electronically generated Score Card is the official result declared by NTA.
2. Candidate's particulars including Category and Person with Disability (PwD) have been indicated as mentioned by the candidate in the online Application Form.
3. Subject wise Cut-Off is based on the Marks Obtained.
4. Those qualified for Assistant Professor will not be considered for award of JRF. Candidates who qualify the Test for eligibility for Lectureship/Assistant Professor will be governed by the rules and regulations for recruitment of Lectureship/Assistant Professor of the concerned universities/colleges/State governments, as the case may be.
5. The slots of JRFs of Joint CSIR-UGC NET June 2021 cycle, while the methodology for Subject- wise cum Category-wise allocation of JRFs remains unchanged.
6. The candidates who qualify for the award of Junior Research Fellowship are eligible to pursue research in the subject of their post-graduation or in a related subject and are also eligible for Assistant Professor. The universities, institutions, IITs and other national organizations may select the JRF awardees for full time research work in accordance with the procedure prescribed by them.
7. Economically Weaker Section (EWS), Scheduled Caste(SC)/Scheduled Tribe(ST)/Persons with Disability(PwD)/ Thirdgender /Other Backward Classes -Non creamy layer (OBC-NCL), as per the central list of Other Backward Classes available on National Commission for Backward Classes (NCBC), Government of India website: www.ncbc.nic.in, candidate will be given such special concessions as may be decided by the UGC.

Ministry of Education
Government of India

Human Resource Development Group
Council of Scientific & Industrial Research

राष्ट्रीय परीक्षा एजेंसी
National Testing Agency

Joint CSIR - UGC NET JUNE 2021
National Testing Agency - Score Card

Application Number :	211610027860	Roll Number :		OR04002016	
Candidate's Name :	LOKANATH MISHRA				
Mother's Name :	SUKANTI MISHRA				
Father's Name :	BHRAMARBAR MISHRA				
Category :	GENERAL	Person with Disability(PwD) :		No	
Gender :	MALE	Date of Birth :		01-05-1997	
Subject :	LIFE SCIENCES				
No of Candidates in this Subject	Registered :	76325	Appeared :	60385	
Applied For :	APPLIED FOR JRF				

Paper	Percentile Score Obtained@
Part A	81.3846402
Part B	96.1069071
Part C	99.1820963
Total	99.1563355
Total Percentile Score obtained (in words)	NINETY NINE POINT ONE FIVE SIX THREE THREE FIVE FIVE ONLY
Result	JRF(NET)-UGC
RANK	118

"@"

(a) Percentile Scores are normalized scores across multi session papers and are based on the relative performance of all those who appeared for the examination in this subject. The marks obtained are transformed into a scale ranging from 100 to 0 for each session of examinees.

(b) The Percentile Scores indicates the percentage of candidates who have scored EQUAL TO OR BELOW (same or lower raw scores) **that particular candidate in that session.**

(c) **The Percentile scores of a Candidate have been calculated as follows:**
100 X Number of candidates appeared in the 'Session' with raw score EQUAL TO OR LESS than the candidate
Total number of the candidates appeared in the 'Session'

(d) The Percentile Score of the Total is **NOT** an aggregate or average of the Percentile Score of individual papers.

(e) **Percentile** score is not the same as percentage of marks obtained.

NATIONAL TESTING AGENCY
Excellence in Assessment

E-certificate No.: JUN20C01430

University Grants Commission

ज्ञान-विज्ञान विमुक्ति
JOINT CSIR-UGC TEST

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NTA Ref. No: 201610162284   Roll No: OR05600818

Certified that   **RAJKISHORE PATRA**

Son/Daughter of   **SASHIKALA PATRA**

and   **BISHNU CHARAN PATRA**   has qualified

the Joint CSIR-UGC Test for eligibility for Assistant Professor held on **26.11.2020**   in the subject

Chemical Sciences

As per information provided by the candidate, he/she had completed/appeared or was pursuing his/her Master's degree or equivalent examination in the concerned/related subject at the time of applying for Joint CSIR-UGC Test.

The date of eligibility for Assistant Professor is the date of declaration of Joint CSIR-UGC Test result, i.e., **04.02.2021**, or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of Joint CSIR-UGC Test result, i.e. by **03.02.2023**, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Date of issue: **01.04.2021**

Senior Director, NTA

Note: NTA has issued the electronic certificate on the basis of information provided by the candidate in his/her online Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (csirnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for Joint CSIR-UGC Test.

GATE 2021 Scorecard GATE 2021

Graduate Aptitude Test in Engineering (GATE)

Candidate's Details

Name

RAJKISHORE PATRA

Parent's / Guardian's Name

BISHNU CHARAN PATRA

Registration Number	Date of Birth
CY21S16010119	05-Jan-1995

Examination Paper

Chemistry (CY)

Rajkishore patra
(Candidate's Signature)

Performance

GATE Score	336
Marks out of 100*	35

Qualifying Marks**	36.2	32.5	24.1
	General	EWS/OBC (NCL)	SC/ST/PwD

Number of Candidates Appeared in this paper	23465
All India Rank in this paper	4038

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.

19ᵗʰ March 2021

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

4072806 7a883448c19bf98fbdfaba417

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.

Centurion
UNIVERSITY

NATIONAL TESTING AGENCY
Excellence in Assessment

E-certificate No.: JUN20C01430

University Grants Commission

ज्ञान-विज्ञान विमुक्तये
JOINT CSIR-UGC TEST

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NTA Ref. No: 201610162284

Roll No: OR05600818

Certified that **RAJKISHORE PATRA**

Son/Daughter of **SASHIKALA PATRA**

and **BISHNU CHARAN PATRA** *has qualified*

the Joint CSIR-UGC Test for eligibility for Assistant Professor held on **26.11.2020** *in the subject*

Chemical Sciences

As per information provided by the candidate, he/she had completed/appeared or was pursuing his/her Master's degree or equivalent examination in the concerned/related subject at the time of applying for Joint CSIR-UGC Test.

The date of eligibility for Assistant Professor is the date of declaration of Joint CSIR-UGC Test result, i.e., **04.02.2021** *, or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of Joint CSIR-UGC Test result, i.e. by* **03.02.2023** *, whichever is later.*

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Senior Director, NTA

Date of issue: 01.04.2021

Note: NTA has issued the electronic certificate on the basis of information provided by the candidate in his/her online Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (csirnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for Joint CSIR-UGC Test.

GATE 2020 Scorecard

Graduate Aptitude Test in Engineering

Centurion UNIVERSITY
Shaping Lives...
Empowering Communities...

Name

RENUKA SAHU

Registration Number

XL20S36041158

Examination Paper

Life Sciences (XL)
Sections : Biochemistry (Q)
Botany (R)

(Candidate's Signature)

Marks out of 100*	28.67

All India Rank in this paper	4746

GATE Score	293

Qualifying Marks**

31.7	28.5	21.1
GEN/EWS	OBC (NCL)	SC/ST/PwD

Number of Candidates appeared in this paper	20646

Valid from March 18, 2020 to March 17, 2023

Not Qualified under General/EWS Category

March 18, 2020

Prof. B. R. Chahar
Organizing Chairman, GATE 2020
(on behalf of NCB – GATE, for MHRD)

* Normalized marks for Civil Engineering and Mechanical Engineering 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

bceba833d5886a96f3a431d21629cdd1

Qualifying in GATE 2020 does not guarantee either an admission to a post-graduate programme or a scholarship/assistantship. Admitting institutes may conduct further tests or interviews for final selection.

In the GATE 2020, the qualifying marks for a general category candidate in each paper is $\mu + \sigma$ or 25 marks (out of 100), whichever is greater, where μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC/ST/PwD candidates are 90% and two-third of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

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

where

M is marks (out of 100) obtained by the candidate in the paper

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 greater) 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 multi-session (Civil Engineering and Mechanical Engineering) papers, the normalized mark of jth candidate in the ith session $\bar{M}_{ij}$ was computed using the formula

$$\bar{M}_{ij} = \frac{\bar{M}_t^g - M_q^g}{\bar{M}_{ti} - M_{iq}}(M_{ij} - M_{iq}) + M_q^g$$

where

M_{ij} is the actual marks obtained by the jth candidate in i^{th} session

$\bar{M}_t^g$ is the average marks of the top 0.1% of the candidates considering all sessions

M_q^g is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions

$\bar{M}_{ti}$ is the average marks of the top 0.1% of the candidates in the ith session

M_{iq} is the sum of the mean marks and standard deviation of the ith session

Graduate Aptitude Test in Engineering (GATE) 2020 was organised by Indian Institute of Technology Delhi on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.

Ministry of Education
Government of India

Human Resource Development Group
Council of Scientific & Industrial Research

राष्ट्रीय परीक्षा एजेंसी
National Testing Agency

Joint CSIR - UGC NET JUNE 2021
National Testing Agency - Score Card

Application Number :	211610078635	Roll Number :		OR04002342	
Candidate's Name :	RUDRANARAYAN SAHOO				
Mother's Name :	JAYANTI SAHOO				
Father's Name :	BENUDHAR SAHOO				
Category :	GEN-EWS	Person with Disability(PwD) :		No	
Gender :	MALE	Date of Birth :		12-01-1999	
Subject :	LIFE SCIENCES				
No of Candidates in this Subject	Registered :	76325	Appeared :	60385	
Applied For :	APPLIED FOR JRF				

Paper	Percentile Score Obtained@
Part A	99.9581388
Part B	85.3228144
Part C	94.6643053
Total	97.6879730
Total Percentile Score obtained (in words)	NINETY SEVEN POINT SIX EIGHT SEVEN NINE SEVEN THREE ZERO ONLY

"@"

(a) Percentile Scores are normalized scores across multi session papers and are based on the relative performance of all those who appeared for the examination in this subject. The marks obtained are transformed into a scale ranging from 100 to 0 for each session of examinees.

(b) The Percentile Scores indicates the percentage of candidates who have scored EQUAL TO OR BELOW (same or lower raw scores) **that particular candidate in that session.**

(c) **The Percentile scores of a Candidate have been calculated as follows:**
100 X Number of candidates appeared in the 'Session' with raw score EQUAL TO OR LESS than the candidate
Total number of the candidates appeared in the 'Session'

(d) The Percentile Score of the Total is **NOT** an aggregate or average of the Percentile Score of individual papers.

(e) **Percentile** score is not the same as percentage of marks obtained.

Dated : 09/03/2022

Senior Director, NTA

GATE 2022 Scorecard
Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	SUCHISMITA SAHOO
Parent's/Guardian's Name	MAMATA SAHOO
Registration Number	XL22S66413020
Date of Birth	31-Oct-1998
Examination Paper	Life Sciences (XL)
Section(s)	Biochemistry (Q), Botany (R)

GATE Score:	246	Marks out of 100:		28.67	
All India Rank in this paper:	8909	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	30336		33.9	30.5	22.5

Valid up to 31st March 2025

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

c9ff8c77603aa87c2ac0854f7db1794f

* 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.

Geology and Geophysics (GG) Humanities and Social Sciences (XH)	Separate score and ranking provided based on selection of optional section
Architecture and Planning (AR) Geomatics Engineering (GE) Engineering Sciences (XE) Life Sciences (XL)	NO Separate score and ranking provided based on selection of optional section

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
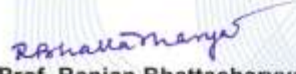## Graduate Aptitude Test in Engineering (GATE)

Name of Candidate	**SMRUTI REKHA DASH**
Parent's/Guardian's Name	**NARENDRA KUMAR DASH**
Registration Number	**XL22S66419253**
Date of Birth	**17-Jan-1998**
Examination Paper	**Life Sciences (XL)**
Section(s)	**Botany (R), Zoology (T)**

GATE Score:	438	Marks out of 100:		38.33	
All India Rank in this paper:	2505	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	30336		33.9	30.5	22.5

Valid up to 31ˢᵗ March 2025

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

d584dfeed09d3381869bc80fa3cc18b5

* A candidate is considered qualified if the marks secured are greater then 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.

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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.

NATIONAL TESTING AGENCY
Excellence in Assessment

E-certificate No.: JUN21C04962

University Grants Commission

ज्ञान-विज्ञान विमुक्तये

JOINT CSIR-UGC TEST

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NTA Ref. No: 211610047905

Roll No: OR04002319

Certified that **SUCHISMITA SAHOO**

Son/Daughter of **MAMATA SAHOO**

and **DURGA CHARAN SAHOO** has qualified

in June 2021 Joint CSIR-UGC Test for eligibility for Assistant Professor in the subject

Life Sciences

As per information provided by the candidate, he/she had completed/appeared or was pursuing his/her Master's degree or equivalent examination in the concerned/related subject at the time of applying for Joint CSIR-UGC Test.

The date of eligibility for Assistant Professor is the date of declaration of Joint CSIR-UGC Test result, i.e., **24.03.2022**, or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of Joint CSIR-UGC Test result, i.e. by **23.03.2024**, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Senior Director, NTA

Date of issue: 19.04.2022

Note: NTA has issued the electronic certificate on the basis of information provided by the candidate in his/her online Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (csirnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for Joint CSIR-UGC Test.

NATIONAL TESTING AGENCY
Excellence in Assessment

उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार
के तहत एक स्वायत्त संगठन)
(An Autonomous Org. under the Deptartment of Higher
Education, Ministry of Education, Govt. of India)

विश्वविद्यालय अनुदान आयोग

JRF AWARD LETTER

Dated: **12-03-2022**

NTA Ref. No.: **210510130326**

Roll No.: **BR05000398**

BANAJA PRAKASHINI SAMANTARAY
Son/Daughter of **PRAVATI DEI**
and **BASANTA KUMAR SAMANTARAY**
Subject: **Environmental Sciences**

Dear Candidate,

I am pleased to inform you that you have qualified for Junior Research Fellowship (JRF) and eligibility for Assistant Professor in the National Eligibility Test (UGC-NET) conducted for December 2020 and June 2021 (merged session). The tenure of fellowship is five years and it commences from the date of declaration of NET result, i.e., **19-02-2022** *(or) from the date of admission under M.Phil./Ph.D. (or) from the date of joining M.Phil./Ph.D. programme, whichever is later. The summary of financial assistance offered under the scheme is mentioned at* **Annexure I** *available on* www.ugc.ac.in/netjrf*

The Awardee is required to get admission and registration for regular and full time **M.Phil./Ph.D.** *course in a University/Institution/College recognized by UGC at the first available opportunity* **but not later than three years** *from the date of issue of this award letter. University/Institution/College is requested to process for award of JRF based on this letter, in accordance with the procedure available on* www.ugc.ac.in/netjrf.

It may be noted that the fellowship amount shall be disbursed through Canara Bank to bank account of the Awardee (any bank) directly. UGC has developed a dedicated web portal (https://scholarship.canarabank.in) for capturing data of the awardee. The Universities/Colleges/Institutions will link the data of the awardee with the master data on the UGC web portal with unique Maker/Checker Ids which have already been provided to them along with the passwords. The Universities/Colleges/Institutions shall update the information in the master data (regarding monthly payment confirmation, HRA, up-gradation, resignation etc.) of the beneficiaries on monthly basis. Based on the data updated on UGC web portal by the concerned Universities/Colleges/Institutions, the payment of the fellowship will be made to the beneficiaries (Detailed process available at https://www.ugc.ac.in/ugc_notices.aspx?id=2153).

It may also be noted that UGC has proposed to link **"AADHAAR"** *with bank account of students so that there can be direct cash transfer and effective disbursal of fellowship into bank account of the student. In this regard, Secretary, UGC has already requested the universities to help students in Aadhaar enrolment vide D.O. No. F.14-34/2011 (CPP-II) dated 11.01.2013.*

It may please be noted that the award is liable to be cancelled by Implementing/Awarding agency and it will also attract legal action against the Awardee in the following cases:

    i. *If the awardee is found to be ineligible to receive the award at any point during the entire duration of fellowship,*
    ii. *Misconduct of Awardee,*
    iii. *Unsatisfactory progress of research work,*
    iv. *Failure in any examination related to M.Phil./Ph.D.,*
    v. *In case any other fellowship is drawn from other source(s),*
    vi. *Concealment of facts.*

The e-Certificate of eligibility for Assistant Professor has been uploaded on https://ecertificate.nta.ac.in. *The eligibility of the candidate is to be ensured by the institution/appointing authority. The category in which the candidate had appeared may be verified from NTA.*

This electronic JRF award letter can also be verified by scanning the QR Code.

With best wishes,

(Signature)

(Dr Sadhana Parashar)
Senior Director

B.Sc.AG Students qualified JRF

S.NO	NAME	REGNO	SUBJECT
1	Aparna nayak	180804130 211	Entomology and Nematology
2	Popul Chandra Bisoi	180804130 027	Entomology and Nematology
3	Ashok kumar Parida	180804130 186	Entomology and Nematology
4	Somnath Joshi	180804130 021	Entomology and Nematology
5	Bonthu Syamala	180804130 109	Agronomy
6	Gandreti Umadevi	180804130 108	Entomology and Nematology
7	Anushruthi Chowdhury	180804130 077	Agronomy
8	Neelamadhaba Sahu	180804130 062	Entomology and Nematology
9	Jagabandhu Sahu	180804130 272	Entomology and Nematology
10	P Sai Sarvani	180804130 124	Agri Business Management
11	Baisakhee Sadangi	180804130 088	Soil sciences
12	Abhishek Mishra	180804130 177	Agronomy
13	Moogi Uma Lakmi	180804130 158	Entomology and Nematology
14	Abhipsa Nanda	180804130 142	Physical Sciences
15	Pawan Kumar Das	180804130 178	Physical Sciences
16	Sunil Kumar Sahu	180804130 017	Agri Business Management
17	Priya Ranjan Mohanty	180804130 083	Soil sciences
18	Smruthi Shree Sethi	180804130 123	Plant Biotechnology
19	Ankitha Ghosh	180804130 119	Plant Sciences
20	Santanu Mishra	180804130 063	Plant Biotechnology
21	Kiran Prava	180804130 246	Agronomy
22	Sritam Kumar Nayak	180804130 134	Plant Sciences

h. Collaborative work by students in research projects/commercial assignments with faculty: The fast learners are encouraged to work with faculty in marketing products that are made at production labs. They get an opportunity to earn while learning.

i. Genetics and Genomics RC projects

Two students Miss Payal Priyadrashini and Miss Subhasmita Sahoo from MSc Botany are involved in Molecular marker development research project.

ii. Students worked in Apiculture unit

1	180804130241	PRALIPTA PRIYADARSINI SAHOO	FEMALE
2	180804130193	SWAGATIKA MAHANTA	FEMALE
3	180804130276	CHANDRIKA ROY	FEMALE
4	180804130177	ABHISHEK MISHRA	MALE
5	180804130158	MOOGI UMA LAXMI	FEMALE
6	180804130248	ROKKAM ANUSHA	FEMALE
7	180804130060	RISHAV CHATTERJEE	MALE
8	180804130192	SANGRAM JAYA SINGH	MALE
9	190804130089	SATYA PRAKASH ROUL	MALE
10	190804130072	DEBASISH MOHANTY	MALE
11	190804130068	JANMEJAYA SAHOO	MALE
12	190804130077	MOGALIPURI PRAVEEN	MALE
13	190804130044	JOGI MEGHANA	FEMALE
14	190804130310	SIRIPURAPU HEMANI	FEMALE
15	190804130039	GARIKIPATI NAGA SUBHASH	MALE

16	190804130125	LINGAMKUNTA SATISH	MALE
17	190804130137	PODAPATI B S NAYUDAMMA	FEMALE
18	190804130118	EADARA LALITHA CHOWDARY	FEMALE
19	190804130207	ARNAB MANDAL	MALE
20	190804130219	SAYAN BHATTACHARYA	MALE
21	190804130208	MADDI PRANAVA SRI	FEMALE
22	190804130216	SURAJ BHOWMIK	MALE

iii. Students worked in Bio-control unit

1	180804130165	ASHIS PRITAM SAHOO	MALE
2	180804130179	KALPATARU BARIK	MALE
3	190804130155	BORA PRASANNA	FEMALE
4	190804130046	BONI SNEHANJALI	FEMALE
5	190804130294	JYOSHNA SAHU	FEMALE
6	190804130048	KONDREDDI LOKESH	MALE
7	190804130061	PINNAMARAJUBHARGAVASANJAYVARMA	MALE
8	190804130110	PAMANJI SASANK	MALE

iv. Students worked in BIO-FERTILIZER UNIT

SL.NO	NAME	REG.NO	PRODUCTS
1	Prabhu Barik	180804130065	Rhizobium
2	Jyothi Narayan Mishra	180804130183	Azotobacter
3	Omkar Bakshi	180804130257	Pseudomonas
4	Anshuman Govda	180804130151	Bacillus
5	Muktikanta Pradhan	180804130185	Azosprillium
6	Bibhudutta Mishra	180804130068	Azotobacter
7	Sudipta Manna	180804130249	Rhizobium
8	Masud Rana Biswas	180804130076	Pseudomonas
9	Pritam Mohanty	180804130145	Bacillus
10	P. Karthik	190804130098	Azosprillium
11	Suvankar Koley	190804130102	Rhizobium
12	Soumalya Manna	190804130104	Bacillus
13	T. Sravan Sai	190804130193	Pseudomonas
14	G. Sampath	190804130123	Azotobacter