

ROLAND INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi, Affiliated to BPUT, Rourkela, Recognized by Govt of Odisha)

Surya Vihar Golonthara-761008, Dist: Ganjam ODISHA, INDIA

Staff Profile

Name of the Faculty: SANAT KUMAR PATRO

Gender: M

Category: General

Father's Name: Dinabandhu Patro

Mother's Name: Pournabasi Patro

Date of Birth: 17th Nov 1984

Date of Joining the Institution:

Designation: Professor

Branch: Electrical and Electronics Engineering Department

Address: Patro Sahi, Santoshpur, Pitala, Hinjili, Ganjam, Odisha pin-761103

Colored
Passport Photo

Nationality: INDIAN

Mobile No: 9439681452

Email ID: SANATPATRO7@GMAIL.COM

PAN No: BBSPXXXX1C

Aadhaar No: 7080XXXX3981

Bank account No: 20369062617

Pay Scale: PAYSCALE: 37400-67000, Basic-37400

Qualification:

Sl No	Name of Degree	Name of Institution	Name of Board/Univ	Specialization	Percentage Of marks	Division	Year of Completion
1	10 th	MAV SCHOOL	ICSE	NA	78	1 st	2000
2	+2Sc/ Diploma	BERHAMPUR CITY COLLEGE	CHSE	SCIENCE	63	1 st	2023
3	BCA/B. Sc./BE/B Tech/AMIE	B.Tech	BPUT	ELECTRICAL ENGINEERING	6.66 CGPA	1 st	2027
4	MCA/ ME M Tech	M.TECH	BPUT	POWER SYSTEM ENGINEERING	8.13	1 st	2012
5	M Phil/Ph D	IIT ROORKEE	NA	HYDRO AND RENEWABLE ENERGY	8.143	1 st	2021

Ph D guided: 2

Experience if any:

- Gandhi Institute of Technology: 13year
- Roland Institute of Technology: 1year

Publication:

1. Kumar Patro S, Saini RP. Mathematical modeling framework of a PV model using novel differential evolution algorithm. Solar Energy 2020.
2. Kumar Patro S, Saini RP. Performance Investigation of PV Array under Partial Shading Conditions with Static Array Configuration and MPPT. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects.
3. Kumar Patro S, Saini RP. Performance analysis of PV Array under Partial Shading Conditions with Bypass-Diode and Static Array Configuration, International Conference on Smart Energy and Advancement in Power Technologies (ICSEPT 2021)
4. Adaptive Entertainment Robots for Personalized Human Experiments in Multi-Modal Comedy, Entertainment Computing

Patent:

1. IOT-BASED COLLISION AVOIDANCE SYSTEMS
2. ARTIFICIAL INTELLIGENCE BASED OPTIMIZED POWER DISTRIBUTION SYSTEM FOR INDUSTRIALNETWORK

Book/Book Chapter: NIL

NPTEL/MOOK: NIL

FDP/SEMINAR/WS Attended and organized

Member of Professional Body: ISTE

I declare that all the information furnished above are true to my knowledge

Date

21-6-2024



Dr. Anant Kumar Singh

Signature of the Faculty