

Name: Mr. CHITTA SAHANA

Department: MECHANICAL ENGINEERING

Contact Nos.: 9474824401



Qualifications: M.Tech

Designation: Assistant Professor

VIDWAN ID: 186980

Experience (Teaching / Research / Industry, in years): Teaching 14 y

Date of Joining at the Present Institution: 21.01.2014

Examinations Cleared: NET-CSIR/GATE : NA

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
M Tech	BESU, Shibpur	2006-2008	Fluid Mechanics
B Tech	NIT, Durgapur	2000-2004	Mechanical Engineering

Experience Summary (In chronological order):

Designation	Organization	Date From - Date To
Assistant Professor	Dr. B. C. Roy Engineering College, Durgapur	22.01.2014 - till date
Assistant professor	BIET, Suri, Birbhum, WB	28.02.2008 - 20.01.2014

Specialization/Research Interest:

Fluid Mechanics/West heat recovery system

Awards & Recognitions

Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc. NA

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

Theory: Engineering Mechanics, Thermodynamics and Fluid Mechanics, Fluid Mechanics and fluid Machines, Heat Transfer, Metrology and measurement, Mechatronics, Power Plant Engineering, Water Resources Engineering.

Practical: Engineering Drawing Lab, Fluid Mechanics and Hydraulic Machines Lab, Heat Transfer Lab, Measurement lab.

M.Tech: specify the name of the Subject/s

Online Mode of Teaching:

The Faculty member needs to specify the online teaching/ assessment method adopted. (Link to any faculty created resources for Lecture notes / PPT/ Video Lecture etc. in Google Drive / Weblink etc)

Google meet and Google Drive

Publications:

Journal:

1. Sahana C., De S., Mondal S. “Intregation of CO2 power and refrigeration cycles with a desalination unit to recover geothermal heat in an oilfield”, Issue 189(2021) 116744, February 2021, ISSN: 1359-4311.
2. Basack, S., Sahana, C., Bhattachaya, A. K., Maity, P. “A Study on Saline Water Intrusion and Fresh Water Recharge relevant to Coastal Environment”, wseas transactions on fluid mechanics, Issue 3, Volume 5, July 2010, ISSN: 1790-5087.

Conference:

1. Sahana C., Mondal S., De S., “Analysis of a low-grade heat driven trilateral cycle with single-stage impulse turbine” International Conference on Energy and Sustainable Development Jointly organized by Jadavpur University and The Institution of Engineers, India, February 14-15, 2020.

Book:

NA

Supervision of Ph.D/M.Tech/ B.Tech Projects:

For Ph.D

NA

Projects:
B.Tech:

Name of the Students	Roll No	Name of the supervisor	Title of the Project	Years
RITU RAJ	12000711045	Chitta Sahana	Increasing power output of SI Engine using supercharger	2015
ROHIT KUMAR	12000711046			
ROHIT SUMAN	12000711047			
RUPAN SARKAR	12000711048			
SALMAN	12000711049			
BIDHAN CHANDRA PATHAK	12000112032	Chitta Sahana	Study of cylindrical wake by hot wire anemometry	2016
PURVA	12000112073			
ABHIJIT KUNDU	12000712095			
ABHISHEK	12000712096			
ABHISHEK AGARWAL	12000712097			
ABHISHEK KUMAR	12000712098	Chitta Sahana	Effect of CASS Environment on Mild Steel	2017
ABHISHEK KUMAR	12000712099			
AKEEL KHAN	12000714128			
AKHILESH KUMAR JHA	12000714129			
ANKIT GHOSH	12000714130			
ASHUTOSH ABHINANDAN	12000714131	Chitta Sahana	SIMULATION AND FLOW ANALYSIS THROUGH DIFFERENT PIPES GEOMETRY	2018
BIJEN PANDAY	12000714132			
FRAZAN ALI	12000714040			
GOURAV KUMAR	12000714041			
ISHANUKUMAR TIWARY	12000714042			
KISON GHOSH	12000714043	CHITTA SAHANA & SIDDHARTHA BHOWMICK	SMART CAR SAFETY MONITORING SYSTEM USING ARDUINO	2019
KSHITIJ KUMAR	12000714044			
KUMAR ADYTYA	12000714045			
KUMAR DEEPESH SHANDLYA	12000714046			
KUMAR SOURABH	12000714047			
MANISH KUMAR	12000714048	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
MANISH KUMAR PANDEY	12000714049			
MD. ATHARUDDIN	12000714051			
MD SHAHBAZ ALI	12000715053			
MD WALEED	12000715054			
MISIKA ARYAN	12000715055	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
MOHAMMAD RAZI AHMAD	12000715056			
MONU KUMAR	12000715057			
NARENDRA NATH DUTTA	12000715058			
NITISH RAJ	12000715059			
NITISH RANJAN JHA	12000715060	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
NUR HUSSAIN SHAIKH	12000715061			
PARAMDEEP SINGH	12000715062			
PIYUSH KUMAR	12000715063			
PRANAV KUMAR	12000715064			
PREETAM PAUL	12000715065	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
SANDIP KUMAR BAURI	12000716078			
SAIF ALI KHAN	12000716079			
SACHIN RAKSHIT	12000716080			
SACHIN YADAV	12000716081			
ROUNAK PANJA	12000716082	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
ROSHAN KUMAR JHA	12000716083			
ROHIT KUMAR	12000716084			
ROHAN SARKHEL	12000716085			
RISHAV CHAKRABORTY	12000716086			
RISHABH RANJAN	12000716087	CHITTA SAHANA & SIDDHARTHA BHOWMICK	Box Conveyer (Project Transport Mechanism)	2020
RAVI SHANKAR	12000716088			
RAUNAK RAJ SINGH	12000716089			
RANJAN KUMAR	12000716090			
RAJESH KUMAR	12000716091			
RAJ MAYANK	12000716092			

Name of the student	Roll No	Name of the supervisor	Title of the Project	Years
Shabbir Ahmed	12000717058	CHITTA SAHANA & SIDDHARTHA BHOWMIK	Power plant waste heat recovery system	2021
Shivam Kumar	12000717055			
Pawan kumar	12000717078			
Amarjeet kumar	12000717119			
Tapas Biswas	12000717029			
Sahanwaz Khan	12000718019			
yash Patel	12000717024			
Roopsi Anand	12000718014			
Ujjwal Kumar	12000717028			
Sayan Ghosh	12000718012			
Asish Goswami	12000718028			
Swarup Mandal	12000718002			
Sujitkumar Das	12000717033			

M.Tech:

Name of the Students	Roll No	Name of the supervisor	Title of the Project	Years
JITU NARAYAN	12012418004	Chitta Sahana & Dr. Kanchan Chatterjee	ELECTRIC POWER GENERATION FROM SAW-WOOD DUST USING KALINA CYCLE SYSTEM	2020

Invited Lectures:

NA

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution

NA