

**Name:** *Mr. Amit Kotal*

**Department:** *Civil Engineering*

**Contact No.:** *9693748571*

**Qualifications:** *B.tech(Civil), M.tech(Geotech)*

**Designation:** *Assistant Professor*

**VIDWAN ID:** *187494*

**Experience (Teaching / Research / Industry, in years):** *6 years*

**Date of Joining at the Present Institution:** *12-01-2016*

**Examinations Cleared:** *Gate 13, Gate 14*

**Qualifications Summary (Reverse chronological order):**

Degree	Institute	From - To	Subjects
<i>M.tech</i>	<i>NIT, Jamshedpur</i>	<i>2013-2015</i>	<i>Geotechnical Engineering</i>
<i>B.tech</i>	<i>KIIT University</i>	<i>2009-2013</i>	<i>Civil Engineering</i>

**Experience Summary (In chronological order):**

*Quality control Engineer SM consultant ltd, Bhubneswar*  
*Asst Professor Dr. B.C Roy Engineering College*

**Specialization/Research Interest:**

*Geotechnical Engineering/Soil-structure interaction, Pile foundation, analysis and design of foundation.*

**Awards & Recognitions**

*3rd best poster presentation Indian Geotechnical Congress, Pune 2015*

**Courses taught:**

*CE802D(Pavement Design), CE702(Water Resource Engineering), CE 501(Soil mechanics-II), CE591(Highway Engineering, , CE(PC)401(Soil mechanics-I), CE 403 (Soil Mechanics), CE(HS)302Introduction to Civil Engineering, CE603 (Construction Planning and Management),*

*CE792Civil Engineering Practice Sessional, CE691 (Highway & Transportation Engineering lab), CE681 Seminar, CE591 Soil Mechanics Lab - II , CE(PC)493 Surveying & Geomatics, CE(ES)493 (Engineering Geology Laboratory), CE493 Soil Mechanics Lab - I, CE392(Surveying Practice I), CE393 (Building Design & Drawing), CE(PC)504 (Soil Mechanics - II), CE(OE)701A (Metro Systems & Engineering), Soil Mechanics Laboratory CE(PC)594.*



**Online Mode of Teaching:**

Online teaching method - *Google classroom, Google form, Google meet, G-drive.*

Link for Lecture notes / PPT/ Video Lecture etc. in Google Drive:

<https://drive.google.com/drive/u/0/folders/1PiQOz0SLb6wZUU9V3ND3R420lxvJEumB>

**Publications:**

**Journal:**

1. *Kotal, A, and Khan, A. K (2015); “Model Test on uplift capacity of anchor piles in cohesion less soil”; International Journal of Research in Engineering and Technology. Volume: 04, Special issue: 01, pp 07-11.*

<http://dx.doi.org/10.15623/ijret.2015.0413002>

**Conference:**

1. *Kotal, A, and Khan, A. K (2015),“uplift capacity of model pile anchors in cohesion less soil,” Proceeding of national conference on recent trends in civil engineering, Indian concrete institute, Hyderabad pp 01.*
2. *Kotal, A, and Khan, A. K (2015), “Pullout capacity of model pile group anchors embedded in sandy soil” Indian Geotechnical Conference, Pune chapter, India 2015 (IGC,2015)*

**Projects:**

Under-graduate students’ final year

Name of the supervisor	Title of the Project	Name of the student	university roll number	Year
AMIT KOTAL	Report on soil stabilisation using coconut coir fibre	Suman Banerjee	12001313108	2017
		Suman Baidya	12001313107	
		Saikat Adak	12001313076	
		Vishal Lahiri	12001313121	
		Ranjit Saha	12001314137	
		Raj Saha	12001314135	
		Sumit Ghosh	12001314145	
		Ravi Pratap Maurya	12001313072	
		Santosh Kumar	12001313080	

<i>Name of the supervisor</i>	<i>Title of the Project</i>	<i>Name of the student</i>	<i>university roll number</i>	<i>Year</i>
AMIT KOTAL	<i>Performance Analysis of Expansive Soil Treated With Stone Dust and Fly-Ash</i>	<i>Mrinmoy Paul</i>	12001315139	2018
		<i>Nilanjan Dhabal</i>	12001315140	
		<i>Olivia Pal</i>	12001315141	
		<i>Pranab Pramanik</i>	12001315142	
		<i>Swarnava Banerjee</i>	12001315150	
		<i>Tanmoy Maji</i>	12001315151	

<i>Name of the supervisor</i>	<i>Title of the Project</i>	<i>Name of the student</i>	<i>University roll number</i>	<i>Year</i>
AMIT KOTAL	<i>Project on soil stabilization with rice husk ash(rha)</i>	<i>Nirbhay kumar gautam</i>	12001315066	2019
		<i>Niteesh kumar</i>	12001315067	
		<i>Pranesh banerjee</i>	12001315070	
		<i>Pranshu raj</i>	12001315071	
		<i>Rahul kumar panday</i>	12001315080	
		<i>Raju kumar gupta</i>	12001315083	
		<i>Rakesh kumar paswan</i>	12001315084	
		<i>Santosh kumar</i>	12001315095	
		<i>Sayan mukherjee</i>	12001315097	
		<i>Soumik goswami</i>	12001315099	

<i>Name of the supervisor</i>	<i>Title of the Project</i>	<i>Name of the student</i>	<i>University roll number</i>	<i>Year</i>
AMIT KOTAL	<i>Soil stabilization using waste plastic materials</i>	<i>Nishant Kumar Ojha</i>	12001316084	2020
		<i>Nirupam Bharti</i>	12001316085	
		<i>Nilima Bhagat</i>	12001316086	

		<i>Susim Mukul Layek</i>	<i>12001317001</i>	<i>2020</i>
		<i>Sushanta Mandal</i>	<i>12001317002</i>	
		<i>Suchismita Roy</i>	<i>12001317004</i>	
		<i>Subhajit Ghosh</i>	<i>12001317005</i>	
		<i>Sonu Kumar</i>	<i>12001317006</i>	

<i>Name of the supervisor</i>	<i>Title of the Project</i>	<i>Name of the student</i>	<i>University roll number</i>	<i>Year</i>
<i>AMIT KOTAL</i>	<i>Investigation of fatigue characteristics of pavement using building demolition waste</i>	<i>Aman Raj</i>	<i>12001317096</i>	<i>2021</i>
		<i>Amod Ranjan</i>	<i>12001317094</i>	
		<i>Amit Raj</i>	<i>12001316095</i>	
		<i>Ananya Kumar Sam</i>	<i>12001317093</i>	<i>2021</i>
		<i>Aniket Kumar</i>	<i>12001317092</i>	
		<i>Anurag Ranjan</i>	<i>12001317091</i>	

*Participation in seminar/conference/symposium/workshop/discussion meeting*

<i>Short term Training on earthquake hazard awareness</i>	<i>April,2016</i>	<i>Ism,Dhanbad</i>
<i>Seminar on climate change</i>	<i>June,2019</i>	<i>IIST,Shibpur</i>
<i>Seminar on Basic concepts of Steganography : hiding data within data"</i>	<i>June,2019</i>	<i>Makaut,WB</i>
<i>Webinar on World Environment Day</i>	<i>June, 2020</i>	<i>Dr. BC Roy engineering college</i>
<i>Webinar on Civil Engineering Project Management</i>	<i>June, 2020</i>	<i>Dr. BC Roy engineering college</i>
<i>Webinar on Advanced Geotechnical Engineering</i>	<i>July,2021</i>	<i>The institution of Engineer's (India)</i>

### Participation in faculty development programmes

<i>Professional Ethics &amp; Sustainability</i>	<i>Online</i>	<i>1<sup>st</sup> April-3<sup>rd</sup> May,2020</i>	<i>1 month</i>	<i>NITTTR Chennai</i>
<i>Renewable Energy Technologies for Sustainable Development"</i>	<i>Online</i>	<i>15<sup>th</sup> June-19 June,2021</i>	<i>5 days</i>	<i>Dr. B. C. Roy Polytechnic, Durgapur</i>
<i>3D Printing and Design</i>	<i>Online</i>	<i>17<sup>th</sup> August - 21<sup>st</sup> August,2021</i>	<i>5 days</i>	<i>Dr. B. C. Roy Engineering college , Durgapur</i>

### Participation in administrative committees (selected)

<i>Name of the post</i>	<i>Name of the committee</i>	<i>year</i>
<i>Co-ordinator</i>	<i>Department Student's Farewell Committee</i>	<i>2018,2019</i>
<i>Co-ordinator</i>	<i>College Orientation Programme</i>	<i>2016,2017,2018</i>
<i>Member</i>	<i>College Cultural-fest</i>	<i>2018,2019,2020</i>
<i>Member</i>	<i>College Tech-fest</i>	<i>2018,2019,2020</i>
<i>Secretary</i>	<i>Saraswati Puja</i>	<i>2020</i>
<i>Departmental Placement Co-ordinator</i>	<i>Placement Cell</i>	<i>2017-2021</i>
<i>Hostel Superintendent</i>	<i>Hostel Super( 1st year)</i>	<i>2021</i>