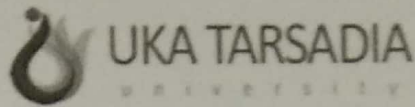




UKA TARSADIA
university

Industrial Visit

Organization	Nuclear Power Corporation of India (NPCIL) Kakrapar
Academic Year	2019-20
Date of Visit	13 th August 2019
Course	B. Tech-Chemical
Semester	3 rd
No. of Students	31
No. of Faculties	2
Name of Organizer	Prof. Shrinivas Mundkar Prof. Bhagwan Parihar



**INDUSTRIAL VISIT/CULTURAL VISIT/ FIELD TRIP/STUDY TOUR/OUT BOUND TRAINING
APPROVAL FORM**

College	Name of the Applicant	Person ID	Date
CGPIT	Chemical Engg. Department	---	13-08-2019

Kindly read the Guidelines for Industrial/Cultural Visit Approval before fill the form

- 1 Type of Visit/Tour : Industrial Visit
- 2 Date & Time of Departure : 13-08-2019
- 3 Date & Time of Arrival : 13-08-2019
- 4 Address & Phone Nos. (for contact) : Nuclear Power Corporation of India (NPCIL)
Kakrapar
- 5 Mode of Travel : Bus (Enclose details in Annexure 1) ✓
- 6 Copy of Approval letter from Industry : Yes (Enclose details in Annexure 2) ✓
- 7 Accompanying Faculty Details and Undertaking Letter : Yes (Enclose details in Annexure 3) ✓
- 8 List of Students Male/Female : Yes (Enclose details in Annexure 4) ✓
- 9 Accommodation Details with Confirmation letter : No (Enclose details in Annexure 5) ✗
- 10 Faculty/Students Trained in First Aid/ Handling Fire Extinguishers : No (Enclose details in Annexure 6) ✗
- 11 Undertaking Letter From Students : Yes (Enclose details in Annexure 7) ✓
- 12 Approval from Programmer Chair/Division Leader : Slane
12/8/19
(HOD)
Department of Chemical Engineering
Chhotubhal Gopalbhai Patel Inst. of Tech.
UKA TARSADIA UNIVERSITY
Maliba Campus, Bardoli-Manuva Road,
Tal. Manuva, Dist. Surat
- 13 Approval from Dean/Director :
(Sign with Seal)
Director
Chhotubhal Gopalbhai Patel Inst. of Tech.
UKA TARSADIA UNIVERSITY
Maliba Campus, Bardoli - Manuva Road,
Tal. Manuva, Dist. Surat

Note: The Form should be submitted two weeks prior to the departure

(Check List)

Mode of Travel	Approval - Industry	Faculty Details	Students Details	Undertaking Students	Undertaking Faculty	Accommodation	Safety Training
✓	✓	✓	✓	✓	✓	✗	✗



Ref.No:- CGPIT/NPCIL Industrial Visit/2019-20/008

Date: - July 15, 2019

To
The Site Director,
Kakrapar Gujarat Site,
NPCIL

Sub:- Permission for Industrial Visit

Dear Sir,

As you may be aware, Chhotubhai GopalBhai Patel Institute of technology, Maliba campus, UKA Tarsadia University, Bardoli is one of the reputed Engineering Institution in Gujarat and known for its excellent record in academic and co-curricular activities. The College offers Bachelor of degree courses in ECE, CSE, Mech, Auto, IT, Comp, Chemical Engineering. The state of art facilities and competent faculty provide an excellent climate for the all round development of the students.

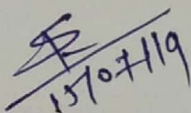
As a part of curriculum, the students are required to undertake Industrial Visits to a reputed industry. We feel it will be fruitful that the students with academic background have a glimpse of the industry in order to have a better appreciation of practical application of theory

In the above background, we would like to send a batch of about **31 students** of Chemical engineering Branch of 2nd year (3th sem) accompanied by **Two staff members** (Shrinivas Tejerao Mundkar, Adhar card number - 589117822074 and Parvathy Chandran, Adhar card number -757748246954) to visit your esteemed industry preferably on / during **5 Aug 2019--10 Aug 2019** (preparably on Saturday) .

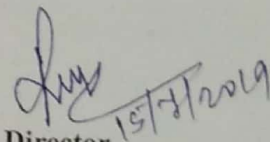
I request you to kindly accord the necessary permission for the above visit and arrange guiding the students. We assure you that our students will observe the rule and regulations that are prescribed by your company for the visitors and will in no way disturb the functioning of the company during their visit.

We shall be grateful for a favorable response.

Thanking You


Organizer
Shrinivas T. Mundkar
Assistant Professor
Chemical Engg. Department




Director
Dr. Rajkumar Patil
CGPIT, UTU, Bardoli



Constituent College of
UKA TARSADIA
university
Imparting Knowledge. Awakening Wisdom. Transforming Lives.

Established under Gujarat Private University
(Amendment) Act No. 25 - 2011 Government
of Gujarat and approved under section 22 of
UGC Act 1956.

Maliba Campus, Gopal Vidyanagar, Bardoli - Mahuva Road,
Dist. Surat. Pin - 394 350, Gujarat (India)
Telefax: +91-2625-292339 E-mail: director.cgpit@utu.ac.in

Approved by All India Council for Technical Education

Annexure 1**Mode of Travel**

Sl.No	Details	Mode of Travel	Travel Details with Phone number of Agent and Driver Phone Number	Responsible Person Handling
1.	UTU , Bardioli to Surat	UTU Bus	Mahendra Bhai 9166353805	Prof. Shrinivas T. Mundkar Prof. Bhagwan Parihar



न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इंडिया लि.
Nuclear Power Corporation of India Limited
(भारत सरकार का उद्यम A Government of India Enterprise)
काकरापार गुजरात स्थल **KAKRAPAR GUJARAT SITE**
डाक अणुमाला, वाया व्यारा, जिला तापी (गुजरात) - 394651
PO: Anumala, Via : Vyara, Dist : Tapi, Gujarat – 394651

एम वी परीख **M V Parikh** फोन **02626-242027**
प्रशिक्षण अधीक्षक **Training Superintendent** Phone **M : 09427107605**
फैक्स Fax **: 02626-230716/234266**

Ref: KAPS/TS/2019/S/90

23/07/2019

सेवा में
डॉ. आर वी पाटील,
निदेशक,
सी जी पटेल इंस्टीट्यूट ऑफ टेक्नालजी,
बारडोली |

विषय : काकरापार परमाणु विद्युत केंद्र का भ्रमण
Sub. : Visit of Kakrapar Atomic Power Station

महोदय Sir,

उपर्युक्त विषय पर इस विद्युत केंद्र के नीचे दिए गए कार्यक्रम के अनुसार काकरापार परमाणु विद्युत केंद्र (केएपीएस) संयंत्र स्थल का भ्रमण अनुमोदित है।

As per the above subject your visit to KAPS Plant as per the schedule given below is approved:

तारीख Date	रिपोर्ट करने का समय Reporting Time	आगंतुकों का विवरण Description of Visitors	संख्या Nos.
08/08/2019	09:30 Hrs.	विद्यार्थी एवं शिक्षकगण	47
13/08/2019		Students & Faculties	33

हमारे संयंत्र स्थल का परिसर निषिद्ध क्षेत्र है। इस कारण कृपया ध्यान रखें कि कोई इलेक्ट्रॉनिक वस्तु, जैसे-मोबाइल/सेलुलर फोन, पेन ड्राइव, कैमरा, आदि संयंत्र स्थल परिसर के भीतर लाने की अनुमति नहीं है।

Since our plant premises are a prohibited zone, it may please be noted that any electronic items like Mobile/Cellular phones, Pen drive, camera etc. will not be permitted to bring INSIDE the Plant premises.

सुरक्षा अनुमति के लिए सभी विद्यार्थी एवं शिक्षकगण को अपना पहचान पत्र एवं उसकी एक जेराक्स प्रति साथ लाने का अनुरोध किया जाता है।

You are requested to carry the original as well as one Xerox copy of ID card of all the students and faculties for security clearances.

संयंत्र दौरे/भ्रमण में साथ देकर समन्वय करने वाले संकाय का नाम सूचित करने हेतु आपको सलाह दी जाती है।

You are further advised to give the Name of the faculty who will accompany & coordinate the visit.

विद्यार्थियों एवं शिक्षकगण के लिए नास्ता और दोपहर के भोजन की व्यवस्था हमारे विभाग द्वारा की गई है।

Snacks & Lunch is arranged by the department for students & faculties.

कृपया शिक्षकगण को सलाह दें कि वे संयंत्र स्थल पहुंचने के बाद मुझसे मिल लें।

You may please advise the faculty to meet the undersigned after reaching KAPS Plant Site.

धन्यवाद।

Thanking you,

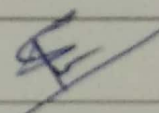

एम वी परीख M V Parikh
प्रशिक्षण अधीक्षक Trg. Supdt.

Accompanying Faculty

Sl.No	Name of the Faculty/ Designation	Male/Female	Contact Mobile Number and Email	Alternate Contact In case of Emergency
1	Prof. Shrinivas T. Mundkar	Mac	7041669647 Shrinivas.mundkar@utu.ac.in	-
2	Prof. Bhagwan Parihar	Male	99744339967 Bhagwan.parihar@utu.ac.in	-

UNDERTAKING LETTER – FACULTY

We here-by undertake that the Industrial Visit/ Cultural Visit/ Field Trip/ Study Tour/ Out bound Training is purely academic related and at any case. We shall undertake full responsibility of the student's actions and behaviour at all times during the course of Industrial Visit/Cultural Visit/ Field Trip/Study Tour/Out bound Training. We further undertake not to breach the safety guidelines of the Uka Tarsadia University at any cost.

Sl. No	Department	Faculty Name	Signature
1.	Chemical Engg.	Prof. Shrinivas T. Mundkar	
2.	Chemical Engg.	Prof. Bhagwan Parihar	

3rd semester (2019-20) Students list

Sr.	Enrolment no.	Name Of Student	Gender
1	201803102010001	Arpitkumar Sureshbhai Patel	Male
2	201803102010002	Dhruvinkumar Mukeshbhai Koladiya	Male
3	201803102010003	Tirthkumar Hirenkumar Patel	Male
4	201803102010004	Abhay Jitendrabhai Sojitra	Male
5	201803102010005	Satyam Kamleshbhai Patel	Male
6	201803102010007	Meet Vijaybhai Panchal	Male
7	201803102010008	Kartik Kamleshbhai Shah	Male
8	201803102010009	Dhrumilkumar Ketanbhai Patel	Male
9	201803102010011	Vanshilkumar Sanjaybhai Patel	Male
10	201803102010012	Dhruviksinh Mahendrasinh Mahida	Male
11	201803102010013	Yashraj Mansukhbhai Chavda	Male
12	201803102010014	Darshil Pravinbhai Talaviya	Male
13	201803102010015	Surajkumar Babubhai Patel	Male
14	201803102010016	Jenil Nileshbhai Kikani	Male
15	201803102010017	Sameerkumar Ghanshyambhai Virani	Male
16	201803102010018	Raj Manubhai Patel	Male
17	201803102010019	Dhavalkumar Sureshbhai Kalathiya	Male
18	201803102010020	Bhautik Jayasukhbhai Koladiya	Male
19	201803102010021	Ashish Yashvantbhai Patel	Male
20	201803102010022	Rahulkumar Ranjitsinh Parmar	Male
21	201803102010023	Parva Mineshbhai Modi	Male
22	201803102010025	Milankumar Shaileshbhai Pandav	Male
23	201803102010026	Rutvik Rajeshbhai Tank	Male
24	201803102010027	Ridham Dineshbhai Sabhaya	Male
25	201803102010029	Anant Akhilesh Sharma	Male
26	201803102010030	Akshay Shivilbhai Katrodiya	Male
27	201803102010031	Rimalkumar Rimalkumar Balar	Male
28	201803102010032	Tapan Mangilal Pahadiya	Male
29	201803102010033	Hevinbhai Bhikhubhai Ahir	Male
30		Patel Harshad Naginbhai	Male
31		Valvi Vyomeshkumar Tulsidas	Male

Annexure 5**Accommodation**

Sl.No	Name of Hotel/Guest House	Address and Phone Numbers	Responsible Person Handling	Remarks
1.		NA		

* Attach the accommodation booking copy

Annexure 6**Faculty/Students Trained in First Aid/ Handling Fire Extinguishers**

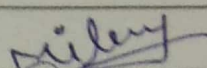
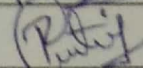
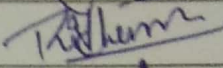
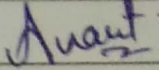
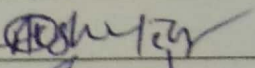
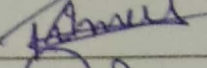
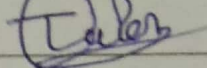
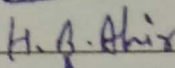
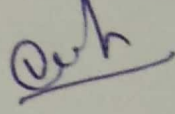
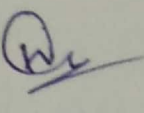
Sl.No	Emp.id / Reg.No	Name	Mobile Number	Faculty/Student	Remarks
1.	—	—	—	—	—

UNDERTAKING LETTER - STUDENTS

We the students of Chemical Engineering Department at Uka Tarsadia University, Bardoli do here-by undertake that we are going on Industrial Visit/Cultural Visit/ Field Trip/Study Tour/Out Bound Training to – Nuclear Power Corporation of India (NPCIL) Kakrapar, organized on date 08/08/2019, departure date 13/08/2019 time 8:30 A.M. from Uka Tarsadia University/ Bardoli and arrival on date 13/08/2019 time 3.30 P.M. at Uka Tarsadia University Bardoli. Faculty and staff of Uka Tarsadia University will not be held responsible for any mishap/eventualities during the trip.

3rd semester students List (2019-20)

Sr. No.	Enrolment No.	Name Of Student	Sign of Students
1	201703102010051	Amisha Jitendrabhai Dhakan	
2	201803102010001	Arpitkumar Sureshbhai Patel	
3	201803102010002	Dhruvinkumar Mukeshbhai Koladiya	
4	201803102010003	Tirthkumar Hirenkumar Patel	
5	201803102010004	Abhay Jitendrabhai Sojitra	
6	201803102010005	Satyam Kamleshbhai Patel	
7	201803102010006	Darshan Dineshbhai Sojitra	
8	201803102010007	Meet Vijaybhai Panchal	
9	201803102010008	Kartik Kamleshbhai Shah	
10	201803102010009	Dhruvilkumar Ketanbhai Patel	
11	201803102010011	Vanshilkumar Sanjaybhai Patel	
12	201803102010012	Dhruviksinh Mahendrasinh Mahida	
13	201803102010013	Yashraj Mansukhbhai Chavda	
14	201803102010014	Darshil Pravinbhai Talaviya	
15	201803102010015	Surajkumar Babubhai Patel	
16	201803102010016	Jenil Nileshbhai Kikani	
17	201803102010017	Sameerkumar Ghanshyambhai Virani	
18	201803102010018	Raj Manubhai Patel	
19	201803102010019	Dhavalikumar Sureshbhai Kalathiya	
20	201803102010020	Bhautik Jayasukhbhai Koladiya	
21	201803102010021	Ashish Yashvantbhai Patel	
22	201803102010022	Rahulkumar Ranjitsinh Parmar	
23	201803102010023	Parva Mineshbhai Modi	

Sr. No.	Enrolment No.	Name Of Student	Sign of Students
24	201803102010025	Milankumar Shaileshbhai Pandav	
25	201803102010026	Rutvik Rajeshbhai Tank	
26	201803102010027	Ridham Dineshbhai Sabhaya	
27	201803102010029	Anant Akhilesh Sharma	
28	201803102010030	Akshay Shivlalbhai Katrodiya	
29	201803102010031	Rimalkumar Rimalkumar Balar	
30	201803102010032	Tapan Mangilal Pahadiya	
31	201803102010033	Hevinbhai Bhikhubhai Ahir	
32		Vyomesh Tulsidas T	
33		Hemshad Patel	



Ref.No:- CGPIT/NPCIL Industrial Visit/2019-20/022

Date: - 13th August 2019

To
The Site Director,
NPCIL, Kakrapar
Gujarat

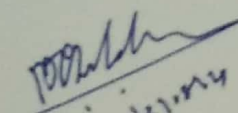
Respected sir,

Thank you so much for our warm reception and your gracious hospitality on our tour during 13th August 2019 to **Nuclear Power Corporation of India (NPCIL) Kakrapar, Gujarat.**

Without your advice and constant attention to detail, we should not have enjoyed ourselves nearly so much. It is our great privilege for our students to be at a place where each and every sector of engineering has a significant presence. This as well boosted our student's confidence.

This visit to **NPCIL** is truly knowledge enhancing. They got a perfect chance to raise their doubt and queries to the right person. Moreover, they could bridge their theory knowledge and practical aspects.

All the arrangement were at par and made our journey relaxed and focused on learning practical thing form the experts.


Dr. Rajkumar V. Patil
Director Director
Chhotubhai Gopalbhai Patel Inst. of Tech.
UKA TARSADIA UNIVERSITY
Maliba Campus, Bardoli - Mahuva Road,
Tal. Mahuva, Dist. Surat -



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Telefax: +91-2625-292339 E-mail: director.cgpit@utu.ac.in

Approved by All India Council for Technical Education

About Nuclear Power Corporation of India Limited (NPCIL)

Nuclear Power Corporation of India Limited (NPCIL) is a Public Sector Enterprise under the administrative control of the Department of Atomic Energy (DAE), Government of India. The Company was registered as a Public Limited Company under the Companies Act, 1956 in September 1987 with the objectives of operating atomic power plants and implementing atomic power projects for generation of electricity in pursuance of the schemes and programmes of the Government of India under the Atomic Energy Act, 1962. NPCIL also has equity participation in BHAVINI, another PSU of Department of Atomic Energy (DAE) which implements Fast Breeder Reactors programme in the country. NPCIL is responsible for design, construction, commissioning and operation of nuclear power reactors. NPCIL is a MoU signing, profit making and dividend paying company with the highest level of credit rating (AAA rating by CRISIL and CARE). NPCIL is presently operating 22 commercial nuclear power reactors with an installed capacity of 6780 MW. The reactor fleet comprises two Boiling Water Reactors (BWRs) and 18 Pressurised Heavy Water Reactors (PHWRs) including one 100 MW PHWR at Rajasthan which is owned by DAE, Government of India and two 1000 MW VVER reactor KKNPS-1&2, in this, latest addition to the fleet is the unit-2 of Kudankulam Nuclear Power Station, a 1000 MW VVER (Pressurised Water Reactor type), which has started its commercial operation on March 31, 2017. Currently NPCIL has Eight reactors under various stages of construction totaling 6200 MW capacity. Pre-project activities at new sites, which were accorded 'in principle' approval by the Government, have been initiated so as to enable early launch of projects at these sites. Being a responsible corporate citizen, NPCIL accomplishes CSR activities and implements projects related to Sustainable Development (SD). The company is compliance to Corporate Governance as per guidelines issued by Department of Public Enterprises (DPE).

Kakrapar Atomic Power Station is a nuclear power station in India, which lies in the proximity of the city of Vyara in the state of Gujarat. It consists of two 220 MW pressurized water reactors with heavy water as moderator (PHWR). The construction costs originally were estimated to be 3.8252 billion rupees, the plant was finally finished at a price of 13.35 billion rupees. Construction of units 3&4 started in November 2010. In January 2003, KAPS Unit-1 went critical on 3 September 1992 because of a leakage in the cooling loop and began commercial electricity production a few months later on 6 May 1993. KAPS Unit-2 went critical on 8 January 1995 and began commercial production in September 1, 1995. CANDU Owners Group (COG) declared K.A.P.S. as the best performing pressurized heavy water reactor

Nuclear power corporation of India limited(NPCIL) is Public Sector Enterprise under the administrative control of the Department of Atomic Energy (DAE), Government of India. It was established on 17th September, 1987. There are 20 units running under the NPCIL all over the India. Approximated installed capacity is 4780Mwe. All the Nuclear power plants are ISO-14001 and IS-18001 certified. The nuclear power plants under NPCIL are situated at Tarapur, Rawatbhata, Kalpakkum, Narora, Kakrapar and Kaiga. The type of reactors is BWR or PHWR



Group photo with 3rd semester students at UTU gate



CISF officer Sanjay Kumar sir guiding students about Water Conservation and Rain water harvesting.



Group Photo At NPCIL Gate