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FIELD VISIT

(SAMPLE)

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Industrial Visit

At

"AUTOLINE INDUSTRIES LIMITED, RUDRAPUR"

(Pant Nagar Unit)

Category- Skill Development

Number of participant-46Date-10/11/2017

Report-

Department of Mechanical Engineering organised an industrial visit to **AUTOLINE INDUSTRIES LIMITED, RUDRAPUR**for B. Tech. Mechanical 3rd and 4th Year students (And Electrical Engg.) on 10/11/2017 (Friday).
Students learnt about various manufacturing processes from this visit. The company was the vendor of TATA motors and manufacturing some of its products parts. They were manufacturing the body of TATA magic (One of the product of TATA motors). Students learnt a lot about the various sheet metal operations like blanking, punching, sheet metal cutting etc. They also learnt about the painting operation, welding, specially the resistance spot welding. Assistant Professor, Mr. Krishna Kant (ME) and Mr. Bijay Kr. Singh (EE) accompanied the students on the visit and presented token of thanks to all personnel and HR for their valuable assistance.

Objectives-

i. To have a practical exposure to the industry.
ii. To explore different types of machines used in the industries.
iii. To have a look over various manufacturing operations being used in the industries.
iv. To know about, how quality checking of the products is done in industries?
v. To explore the safety measures taken by the industries.
vi. To have a look about present demand of the industries.

Outcomes-

i. This industrial visit helps the students to visualise (and the application of) variousprocesses they have studied.
ii. Students feel the safety measures during the visit.
iii. Teamwork is an important parameter toward the success of a project.
iv. Failure of any component leads to the failure of the product.
v. Students identify the opportunities for their future (career) and prepare themselves accordingly.
vi. How quality products are manufactured (Role of quality control).


AUTO LINE
AUTO LINE
AUTOLINE INDUSTRIES LTD.
Plot No. 8
Sector-11, Tata Vender Park


AUTO LINE
AUTO LINE

Industrial Visit
At
"Bajaj Automobiles, RUDRAPUR"

(Pant Nagar Assembly unit)

Category- Skill Development

Number of participant-36Date-20/11/2017

Report-

For industrial exposure students of B. Tech. (Mechanical Engineering) 3rd and 4th year visited **Bajaj Automobiles, RUDRAPUR**on **20 November 2017**. In this plant, assembly of Bajaj Platina, Pulsar motorcycles etc. are done. Students learn about the assembly line, cycle time etc. Student learnt about the post assembly processes like quality checking, pollution checking and the checking of performance parameters. Students also learnt a lot about the various quality control techniques six sigma together with the safety during working hours. Students were also informed about NO accident zone till now.

Dr. Ajitanshu Mishra (HOD, MED) and Mr. Krishna Kant (Assistant Prof., MED) accompanied the students during the industrial visit and present a token of love to the concerned person of Bajaj and thanked to provide an opportunity to the students for the industrial visit.

Objectives-

i. To justify the relation between the theoretical and practical knowledge in Engg.
ii. To explore different types of assembly lines used in the industries.
iii. To have a look over quality control techniques used in the industries.
iv. To know how quality checking of the motorcycles(after assembly) is done in industries and the parameters to be measured
v. To explore the safety measures taken by the industries.
vi. To have a look about present demand of the industries.

Outcomes-

i. This industrial visit helps the students to visualise variousassembly lines.
ii. Now, the students can answer the question "significance of assembly line in industries".
iii. Students have an idea of quality assurance (know the post assembly line checking).
iv. Need of performance parameters checking, pollution level checking (to manufacture quality products).
v. Students identify the opportunities for their future (career) and prepare themselves accordingly.


BAJAJ


BAJAJ


BAJAJ

Industrial Visit
At
"Hero Cycles Limited, Ghaziabad"

(Ghaziabad Unit)

Category- Skill Development

Number of participant-50Date-23/10/2018

Report-

It gives me immense pleasure to state that Department of Mechanical Engineering has organised an industrial visit to the B. Tech 3rd year and 4th year students to **Hero Cycles Limited, Ghaziabad** to brighten the theoretical knowledge into practical exposure through which students are benefited.In this plant, assembly of various models of Hero cycles (Normal and hybrid), manufacturing of high quality gears on CNC machines are done. Students learnt about the assembly line (assembly of bicycles), gear manufacturing on CNC machines etc.We would like to thanks **Jaya Chauhan, Assistant Manager (HR) and Deepa Madam** who guided our students by providing his valuable knowledge and experience during visit. Students also learnt a lot about the various quality control techniques six sigma (Being used there) together with the safety rules during working hours.
Mr. Anuj Kumar and Mr. Krishna Kant (Assistant Prof., MED) accompanied the students during the industrial visit and present a token of love to the concerned person of Hero Cycles and thanked them to provide an opportunity to the students for the industrial visit.

Objectives-

i. To justify the relation between the theoretical and practical knowledge in Engg.
ii. To explore different machines (High quality like CNC) used in the industries.
iii. To know the problems faced during machining operations.
iv. To have a look over quality control techniques used in the industries.
v. To knowabout the latest development in the cycling industries.
vi. To know various gear manufacturing techniques.

Outcomes-

i. This industrial visit helps the students to visualise and understand the variousassembly lines and gear manufacturing techniques.
ii. Students know the need of quality control techniques as six sigma (used by Hero Cycles)
iii. Students have an idea of future development of bicycles, different gear manufacturing techniques.
iv. Live exposure of gear manufacturing using CNC milling machine.


HERO

Industrial Visit
At
"Maruti Suzuki India Limited,Gurugram"

(Gurugram Unit)

Category- Skill Development

Number of participant-32Date-26/09/2019

Report-

With immense pleasure, we are informing you that on 26/9/19, students of B. Tech. Mechanical 3rd and 4thyear visited Maruti Suzuki India Limited plant, Gurugram. In this plant, various models of Maruti cars are manufactured like Vitara Brezza and many more. The assembly, painting, quality checking of Maruti Suzuki cars are done in this plant.Students learnt a lot about the same. Such industrial and practical knowledge would surely bring out engineers out of our students.
Mr. Anuj Kumar and Mr. Krishna Kant (Assistant Prof., MED) accompanied the students during the industrial visit toMaruti Suzuki India Limited and thanked the concerned person to provide this visit to the students.

Objectives-

i. Main objective of the visit was to be familiar with the industrial work and to get practical knowledge during cars manufacturing.
ii. To get an idea of various manufacturing processes.
iii. To know the problems faced during manufacturingprocesses.
iv. To have a look over quality control techniques used in the industries.
v. To know various technologies being used in recently manufacturing cars.

Outcomes-

i. This industrial visit helps the students to visualize and understand the variousassembly lines used in car manufacturing companies.
ii. From this visit, students got information and practical knowledge about the need of quality control techniques to maintain zero defects.
iii. Students were also made aware about different safety measures.
iv. Students learnt about new technology being used in the cars.


MARUTI SUZUKI
STOP
Samsung Triple camera
Shot with Galaxy A50


MARUTI SUZUKI
STOP
Samsung Triple camera
Shot with Galaxy A50

Site Visit at

"Gawar Construction Limited, Delhi"

(Shastri Park and Seelampur Sites)

Category- Skill Development

Number of participant-45 **Date- 11/10/2019**

Report-

Department of Civil Engineering organised a field visit to **Shastri Park and Seelampur Sites of Gawar Construction Limited, Delhi for Diploma IIIrd and Vth Sem students on 11/10/2019 (Friday).**
Students learn the various concepts, planning, design and construction aspects of six lane flyover bridge of transportation engineering , Mr. Jitendra Bhardwaj (Structure Engineer) , Mr.Pradeep Kumar (Project Manager ,Highway),Mr. Vishnu Goswami(Junior Engineer) are present the site to explain the concepts of design and construction of bridge.
Assistant Professor Mr.Kuldeep Kumar Soni and Mr. Ishaan Pandey accompanied the visit and presented token of thanks to Site officials and engineers for their valuable assistance.

Objectives-

(i) To observe the different activities and techniques carried out on site.
(ii)To explore the various types of road materials and machinery used on site.
(iii)Aware of the items measurable for sub-structure and reinforced concrete frame works.
(iv)To have a feel of how the condition of the site really is and how safety is a priority.
(v)To have an up-close view of the entire structure as opposed to seeing it in the drawings.

Outcomes-

(i)This site visit also helps the students to visualise the items that needs to be measured and how it is properly placed in real time.
(ii) Students also see that safety is very important in the site.
(iii) Teamwork is also important at a site that's where different professions come together to work on the project

Site Visit at

"Earthcon construction Pvt. Ltd. Nanital"

(City Mall construction site)

Category-Skill development

Number of participant -50 **Date- 26 October 2018**

Report-

For augmentation of industrial exposure of students B.Tech IIIrd& Diploma Vth Semester (Civil Engineering) our students visited **City Mall construction site** of **Earthcon construction Pvt. Ltd**., **Nainital** (Uttarakhand) on **26 October 2018** ,Students were assisted by Construction site city mall and here they watch and learn the Design and Construction of City Mall .It is located near the Nainital lake ,Nainital . Earthcon construction Pvt. Ltd. representative assisted the students and describe about concept of Earthquake Resistant Building in Hilly areas and by demonstrating the Foundation , stone masonry , drainage gallery and building material.He also throw light on Different types of building how we can construct in hilly region.

Mr. Arvind kumar , Mr. Shravan Kishor Gupta ,Mr. Kuldeep Kumar Soni and Mr. Kostubh Shanker Pandey led the industrial visit and present bouquet and memento to Mr.Shadab Sidiquee (Project manager) , Mr. Anwar Khan (Site Incharge) and express sincere thanks for providing opportunity to our students such a excellent industrial visit on behalf of Invertis University.

Objectives-

(i) To know about the construction in hilly region.
(ii)To know the difficulties in hilly region.
(iii)To know the construction of multi-storey building on slopping sites.
(iv)Understand the climate and environmental challenges in hilly region.
(v) To see safety at the site during construction.

Outcomes-

(i)Students understand the foundation construction of a multi-storey building
(ii)Students understand the climate and environmental condition of hilly region.
(iii)They saw team work of different personals at same project.
(iv)students learn about the construction of footing and slab in mountainous terrain.

Site Visit at

"*CB Ganj Railway Station* Bareilly"

(Railway site)

Category-Skill development

Number of participant -35 **Date- 13/04/2018**

Report-

It gives me immense pleasure to mention that Civil Engineering Departed has organised a successful site visit of the B. Tech 3rd year students to ***CB Ganj Railway Station*** to illuminate the theory into practical knowledge through which students are benefited. Civil Engineering is the branch which is incomplete without practical knowledge and this type of visits would surely make a great exposure for students in future. I would like to thanks ***Mr. Om Prakash Mishra, Sr. Section Engineer P. Way Indian Railway***, who guided our students by providing his valuable knowledge and experience on site.

Objective-

(i)The main objective of this: it lets students to know things practically through interaction, working methods and employment practices.

(ii)To understand the working of railway.

(iii) To know the different steel structures.

(iv) To understand the problems in Railway transportation.

(v) Understand the different joints in railway tracks.

Outcomes-

(i)This visit helped students to enhance collective theory and practical knowledge of steel structures.

(ii) They can identify their prospective areas of work in the overall organizational function.

(iii) Students can also to understand detailed design of steel frame structure which will be covered in subject.

(iv) This visit will also improve their fundamental concepts and practical aspects about steel structures.

(v) This visit helps the students in design and working of different joints in railway tracks.

Site Visit at

" Ram Ganga Barrage, Badaun "

(617m long Barrage costing)

Category-Skill development

Number of participant-50 **Date-28/04/2018**

Report-

With immense pleasure I am informing you that on April 28th, 2018 of B.Tech civil 3rd and 2nd year students visited at the **Ram Ganga Barrage, Badaun** Region irrigation project (Biggest infrastructure site in Rohilkhand region, 617m long Barrage costing 630 cr.).
Students were guided by ***Mr Puneet Sharma, Assistant Engineer Irrigation Department and Mr. Vijay chauhan, Junior Engineer Irrigation Department*** both of these learned Engineers gave there valuable time and explained the project.
This trip is a big success for our students as they have gained practical knowledge of different aspects of construction (Planning, Execution, Hydraulics, open channel flow, shallow as well as deep foundations, Raft foundation, Batching plant, Quality control and many more).
Such industrial and practical knowledge would surely bring out engineer out of our students.
I would like to thanks *Invertis University* for encouraging us to give our best by the best means for the best of the students.

Objectives-

(i)Our main purpose of the visit was to be familiar with experience of field work and to get practical knowledge of routing of canal and directing water through dams and distribution of water.
(ii) Students of civil branch will get the idea of dams and canals and their purposes.
(iii)Students will also get familiar with catchment area, hydraulic gates, and level of water, wing wall and body wall.
(iv) To understand the irrigation system .

Outcomes-

(i)From this visit, we got information and practical knowledge about distribution of water and storage of water
(ii) Students were also made aware about different protection measures used in headwork.

(iii) They learnt about new technology about hydraulic gates and system of canal.
(iv) Students were benefited from this visit as they got chance to discuss with authorities working at dam.

Site Visit at

" Earthcon Constructions Bhowali,"

(A multistory residential project site)

Category-Skill development

Number of participant -45 **Date-20/09/2018**

Report-

When it comes to Hills, Construction becomes a daunting task for the engineers as nature comes high on them with Snowfall, sudden rainfall and hailstorms, freezing temperatures. So to get familiar with these difficulties and to impart real practical knowledge ahead of the curriculum a site visit to the Naini Kingdom a multistory residential project site of Earthcon Constructions situated in Bhowali, the foothills of Mighty Himalayas was conducted. Students get familiarised with the special conditions concreting (since the temperature ranges between - 2 to 25 degrees), Material management, Labour management & Safety procedures and precautions. Project manager guided our students in many aspects of engineering.

Mr. Ishaan Pandey and Mr. Koustubh Shanker Pandey led the industrial visit and present bouquet and memento to Mr.Shadab Sidiquee (Project manager) and express sincere thanks for providing opportunity to our students such a excellent industrial visit on behalf of Invertis University, Bareilly.

Objectives-

(i) To know about the building construction in hilly region.
(ii)To know the difficulties in hilly region and their solutions.
(iii)To know the construction of multi-storey building on slopping sites and prevention of landslides.
(iv)Understand the climate and environmental challenges in hilly region.

Outcomes-

(i) Students understand the foundation construction of a multi-storey building
(ii)Students understand the climate and environmental condition of hilly region.
(iii)They saw team work of different personals at same project.
(iv)students learn about the construction of footing and slab in mountainous terrain.
(v) To see safety at the site during construction.

Site Visit at

" National Hydro Power Corporation(NHPC) Tanakpur,"

(Power Station Uttarakhand)

Category -Skill development

Number of participant -49 Date - 15/10/2018

Report-

"Industrial visits allows students to improve their skill set and align themselves to the standards of an industry,here are the glimpse of Industrial Visit to Category 1 Mini Ratna PSU National Hydro Power Corporation(NHPC) Tanakpur Power Station(Uttarakhand) ,Students were assisted by NHPC officials and here they watch and learn the functionality of Tanakpur Power Station (3x31.4 MW) that harness the hydro power potential of Sharda River (Mahakali River in Nepal). It is located near the town of Tanakpur in the district of Champawat, here NHPC representative assisted the students and describe about concept of catchment and power generation by demonstrating the giant turbines and functional units in power station, he also throw light on function of silt ejectors and silt excluders installed in the scheme, presented a deep description of Indo-Nepal water distribution agreements and benefit sharing.

Students also visited and watched the 475.3 m long barrage having 22 bays with a head regulator of 78.45 m length with 6 bays in the right bank of river and 6.387 Km long Power channel where Quality control Engineer Er. Dinesh Kumar Sir and control room operator Shafiq Sir demonstrated operating of barrage gate and elaborate the entire scheme through model and engineering drawings ,they also explain the significance of rain gauges in warning system and flood management his team demonstrate the method to calculate critical value of sediments in ppm(parts per million) to the students,after completing the trip Er. Hari Singh explain the students the establishment of NHPC power station and Banbassa Barrage, he also presented a deep comparison of hydro and thermal electricity generation potential of India and provide valuable guidance and career advice to our students

Mr. Awdhesh Kumar,Aayush Mittal & Kuldeep Kumar Soni led the industrial visit and present bouquet and memento to General Manager(NHPC Scheme),Chief Engineer(Civil),Chief Engineer(Electrical) and express sincere thanks for providing opportunity to our students such a excellent industrial visit on behalf of Invertis University.

Objectives-

(i)To understand the working of a hydropower plant.

(ii)To learn about the administration of hydropower plant.

(iii)To understand the canal and irrigation system .

(iv) To get practical knowledge of routing of canal and directing water through dams.

(v) To understand the electric power generation through dam.

Outcomes-

(i)Students got the opportunity to understand the electricity generation through a power plant.

(ii)Students got the chance to enhance their knowledge about irrigation distribution system.

(iii) Administration and their management in power plant .

(iv)Flood control and regulation of water.


TANAKPUR POWER STATION
DRAFT TUBE GATE
1. TYPE OF GATE :SLIDING TYPE
2. NO. OF VENT OPENING IN EACH UNIT: 03 NO.
3. GATE SIZE PER VENT OPENING :3.935 X 6.335 M
A. TOP ELEMENT :3.935 X 3.335 M
B. BOTTOM ELEMENT :3.935 X 3.000 M
4. WT. OF EACH GATE (TOP+BOTTOM) :13.829 MT
5. TYPE OF HOIST :GANTRY CRANE 26MT
6. OPERATION: UNDER BALANCED HEAD CONDITION
7. TOTAL LIFT OF GANTRY CRANE : 24 M
8. SILL BEAM LEVEL : 204.965 M

INDUSTRIAL VISIT

AT

ROSA THERMAL POWER PLANT SHAHJAHNPUR (U.P.)

Category- Skill Development

Number of participants- 50 **Date- 23-09-2019**

Report-

Department of Electrical Engineering organised an industrial visit at **Rosa Thermal Power Plant Shahjahnpur (U.P.) for the student of B.Tech (EE & EEE) II year and Diploma (EE) II, III year.**

Rosa Power Plant is a 1,200 MW of coal-based generation capacity at Rosa village in Shahjahnpur. The coal for the project would be supplied from the Asoka Coal mines of Central Coalfields Limited, a subsidiary of Coal India Limited. The coal mines are located in Jharkhand and the coal will be transported by Railways over a distance of 870 km. The water required for the power plant is sourced from Garrah River located a kilometre from the project. There are four functioning units, all of which are coal-fired thermal power stations. The prime motive was to make student acquit with Industrial application along with regular classroom teaching. Students have learned about the various aspects of boiler, turbine and power evacuations. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Arun Gangwar (Electrical Engineering Department).

Objectives-

a) To learn the functioning of a coal based steam power plant.
b) Understanding the coal to electricity cycle.
c) Understand the best and sustainable practices in running a coal based power plant.
d) To understand better the concept of Power Station Practices.

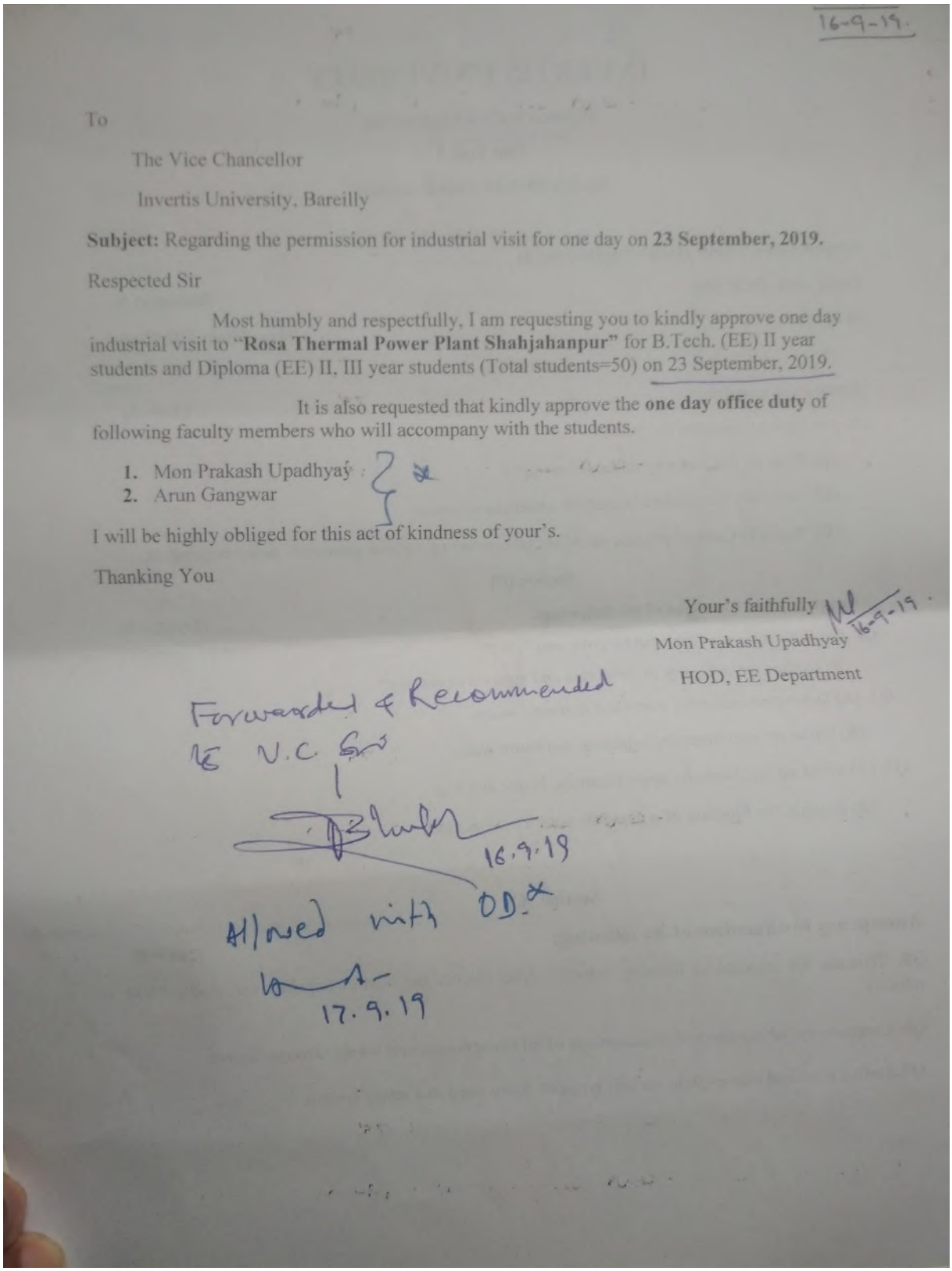
Outcomes-

a) This industrial visit also helps the students to visualise the working of thermal power plant.
b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Glimpses on site:

Permission letter:



16-9-19.

To

The Vice Chancellor

Invertis University, Bareilly

Subject: Regarding the permission for industrial visit for one day on **23 September, 2019.**

Respected Sir

Most humbly and respectfully, I am requesting you to kindly approve one day industrial visit to "**Rosa Thermal Power Plant Shahjahanpur"** for B.Tech. (EE) II year students and Diploma (EE) II, III year students (Total students=50) on 23 September, 2019.

It is also requested that kindly approve the **one day office duty** of following faculty members who will accompany with the students.

1. Mon Prakash Upadhyay
2. Arun Gangwar

I will be highly obliged for this act of kindness of your's.

Thanking You

Your's faithfully 16-9-19

Mon Prakash Upadhyay

HOD, EE Department

Forwarded & Recommended
to V.C. Sir

16.9.19

Allowed with OD.

17.9.19

INDUSTRIAL VISIT

AT

ROSA THERMAL POWER PLANT SHAHJAHNPUR (U.P.)

Category- Skill Development

Number of participants- 58 **Date- 10-04-2019**

Report-

Department of Electrical Engineering organised an industrial visit at **Rosa Thermal Power Plant Shahjahnpur (U.P.) for the student of Diploma (Electrical Engineering).**

Rosa Power Plant is a 1,200 MW of coal-based generation capacity at Rosa village in Shahjahnpur. The coal for the project would be supplied from the Asoka Coal mines of Central Coalfields Limited, a subsidiary of Coal India Limited. The coal mines are located in Jharkhand and the coal will be transported by Railways over a distance of 870 km. The water required for the power plant is sourced from Garrah River located a kilometre from the project. There are four functioning units, all of which are coal-fired thermal power stations. The prime motive was to make student acquit with Industrial application along with regular classroom teaching. Students have learned about the various aspects of boiler, turbine and power evacuations. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Ajitanshu Mishra and Mr. Gyanendra Singh.

Objectives-

a) To learn the functioning of a coal based steam power plant.
b) Understanding the coal to electricity cycle.
c) Understand the best and sustainable practices in running a coal based power plant.
d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of thermal power plant.
b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Glimpses on site:

Permission letter:

To

The Vice Chancellor

Invertis University, Bareilly

Subject: Regarding the permission for industrial visit for one day on **10th April, 2019.**

Respected Sir

Most humbly and respectfully, I am requesting you to kindly approve one day industrial visit to "**Rosa Thermal Power Plant Shahjahnpur"** for Diploma (Electrical Engineering) II, III year and B.Tech. (ME) II year students on 10th April, 2019.

It is also requested that kindly approve the **one day office duty** of following faculty members who will accompany with the students.

1. Ajitanshu Vedratnam (ME Department)
2. Gyanendra Singh (ME Department)
3. Mon Prakash Upadhyay (EE Department)

I will be highly obliged for this act of kindness of your's.

Thanking You

Your's faithfully

Mon Prakash Upadhyay

HOD, EE Department

INDUSTRIAL VISIT

AT

NARORA ATOMIC POWER PLANT (NPCIL)

Category- Skill Development

Number of participants- 55 **Date- 28-09-2017**

Report-

Department of Electrical Engineering organised an industrial visit at **Narora atomic power plant (NPCIL), Bulandshahar (U.P.) for the student of B.Tech. (EE & EEE) II, III, IV year and Diploma (EE) III year.**

The Narora Atomic Power Station is situated at the banks of river Ganga in Bulandshahr district of Uttar Pradesh. It is 60 kms away from Aligarh which is the closest substantial population centre. The Narora Atomic Power Station (NAPS) is a twin unit module of 220MW each of pressurized heavy water reactors. The reactors use natural uranium available in India as fuel & heavy water produced in the country as moderator& coolant. The station is connected to high voltage network through five 220kV lines, one to Moradabad, one to Harduaganj, one to Simbholi, and two to Khurja. It is designed for base load operation as a commercial station. Narora Atomic Power Plant is the fourth Atomic Power Plant installed in India preceded by Tarapur in Maharashtra, Rawatbhata in Rajasthan and Kalpakkam in Tamil Nadu. One peculiarity about NAPS is that it is the first indigenous Power Plant of the country.

The prime objective was to make student acquit with Industrial application along with regular classroom teaching. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Arun Gangwar (Electrical Engineering Department).

Objectives-

a) To learn the functioning of atomic power plant.

b) To understand the effect of atomic power plant on environment.

c) To understand the best and sustainable practices in running nuclear energy based power plant.

d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of nuclear power plant.

b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Permission letter:

To

The Vice Chancellor

Invertis University, Bareilly

Subject: Regarding the permission for industrial visit for one day on **28-09-2017**

Respected Sir

Most humbly and respectfully, I am requesting you to kindly approve one day industrial visit to "**Narora atomic power plant"** near to Bulandshahar for B.Tech. (EE & EEE) II, III, IV year and Diploma (EE) III year students (Total students=55) on 28 September.

It is also requested that kindly approve the one day office duty and daily allowance of following faculty members who will accompany with the students.

1. Mon Prakash Upadhyay
2. Arun Gangwar

I will be highly obliged for this act of kindness of your's.

Thanking You

Your's faithfully

Mon Prakash Upadhyay

HOD, EE Department

INDUSTRIAL VISIT

AT

KHATIMA (SHARDA) HYDROELECTRIC POWER PLANT

Category- Skill Development

Number of participants- 30 **Date- 30-10-2018**

Report-

Department of Electrical Engineering organised an industrial visit at **Khatima (Sharda) Hydroelectric Power Plant for the student of B.Tech (EE & EEE) II year and Diploma (EE) II, III year.**

Khatima Hydroelectric Project is erected in the Sharda River of Khatima village in the Udham Singh Nagar district of Uttarakhand in India. The power project is commissioned in 1956 with a total installed capacity of 41.4 MW. The hydroelectric basin, where the power plant is situated is Ganga Basin. The Type of Plant is like a Dam on a Canal and is having a Power Channel from Banbasa Barrage on Sharda River. The structure type of the power house in the plant is Barrage. The type of power house is Surface and the status of power house is Operational. The source of water for the generation of power in the plant is Sharda River. The Hydroelectric Region, where the power project is erected is in the Northern Hydroelectric Region of country. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Ajitanshu Vedrtnam and Gyanendra Singh.

Objectives-

a) To learn the functioning of a hydro based power plant.
b) To Understand the generation of electricity without pollution.
c) To Understand the best and sustainable practices in running a hydro based power plant.
d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of thermal power plant.
b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Permission letter:

To,

The Vice Chancellor,

Invertis University, Bareilly

Subject: Regarding Industrial visit of B.Tech. (EE) III and IV Year and Diploma (ME) III Year to **Sharda Power House, Khatima on 30th Oct, 2018**

Hon'able Sir

I am Pleased to bring your kind notice that we have received the approvals from Sharda Power House Khatima for an industrial visit on 30th Oct. It will be a great opportunity for our electrical students. For guiding students following faculty members will accompany the students.

1. Ajitanshu Vedrtnam (ME Department)
2. Gyanendra Singh (ME Department)
3. Mon Prakash Upadhyay (EE Department)

The students are arranging the finance for the visit on their own. Kindly approve the visit and office duty for the same.

Thank You

Yours Truly

Mon Prakash Upadhyay

Assistant Prof. EE Department

Invertis University, Bareilly

INDUSTRIAL VISIT

AT

KHATIMA (SHARDA) HYDROELECTRIC POWER PLANT

Category- Skill Development

Number of participants- 50 **Date- 18-03-2020**

Report-

Department of Electrical Engineering organised an industrial visit at **Khatima (Sharda) Hydroelectric Power Plant for the student of Diploma (EE) II, III year.**

Khatima Hydroelectric Project is erected in the Sharda River of Khatima village in the Udham Singh Nagar district of Uttarakhand in India. The power project is commissioned in 1956 with a total installed capacity of 41.4 MW. The hydroelectric basin, where the power plant is situated is Ganga Basin. The Type of Plant is like a Dam on a Canal and is having a Power Channel from Banbasa Barrage on Sharda River. The structure type of the power house in the plant is Barrage. The type of power house is Surface and the status of power house is Operational. The source of water for the generation of power in the plant is Sharda River. The Hydroelectric Region, where the power project is erected is in the Northern Hydroelectric Region of country. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Pankaj Tripathi and Mr. Aditya Agnihotri.

Objectives-

a) To learn the functioning of a hydro based power plant.
b) To Understand the generation of electricity without pollution.
c) To Understand the best and sustainable practices in running a hydro based power plant.
d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of thermal power plant.
b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Permission letter:

यूजेवीएन लिमिटेड

(उत्तराखण्ड सरकार का उपक्रम)

U J V N Limited

(A Govt. of Uttarakhand Enterprise)

मानव संसाधन विभाग, ''यमुना भवन'', यमुना कालोनी, देहरादून – 248001 (उत्तराखण्ड)

Human Resources Department, "Yamuna Bhawan", Yamuna Colony, Dehradun - 248 001 (Uttarakhand)

दूरभाष/Phone-0135-2530030/2530061/2530584/2530909/2531975 QSDl@Fax-0135-2531343/2531646 Website: www.ujvnl.com CIN No. U40101UR2001SGC025866

ISO 9001 : 2008 Certified

Letter No: 112 /UJVNL/05/Director HR/DGM(HR)/Industrial Training 2020 Dated:02/03/2020

Sub.: Request to grant permission to visit the Sharda Power House.

Head of Department,
Electrical/Electronics Communication Engineering,
Invertis University,
Bareilly (UP).

Dear Sir,

This is in reference to your letter No. nil dt. 25.02.2020, regarding permission to visit the Sharda Power House.

In this regard the proposed visit is permitted from this Office.

You are requested to contact our General Manager(Ramganga & Sharda), Shri Digvijay Singh, contact number 9456590114 for further directions.

Thanking you.

(Rajendra Singh)
General Manager (P&IR)

CC:

1. General Manager (Ramganga & Sharada), UJVN Ltd., Kalagarh.
2. Dy. General Manager (E&M), UJVN Ltd., Lohiahead.

INDUSTRIAL VISIT

AT

NARORA ATOMIC POWER PLANT (NPCIL)

Category- Skill Development

Number of participants- 50 **Date- 17-10-2019**

Report-

Department of Electrical Engineering organised an industrial visit at **Narora atomic power plant (NPCIL), Bulandshahar (U.P.) for the student of Diploma (EE) III sem and Diploma (EE) V sem.**

The Narora Atomic Power Station is situated at the banks of river Ganga in Bulandshahr district of Uttar Pradesh. It is 60 kms away from Aligarh which is the closest substantial population centre. The Narora Atomic Power Station (NAPS) is a twin unit module of 220MW each of pressurized heavy water reactors. The reactors use natural uranium available in India as fuel & heavy water produced in the country as moderator& coolant. The station is connected to high voltage network through five 220kV lines, one to Moradabad, one to Harduaganj, one to Simbholi, and two to Khurja. It is designed for base load operation as a commercial station. Narora Atomic Power Plant is the fourth Atomic Power Plant installed in India preceded by Tarapur in Maharashtra, Rawatbhata in Rajasthan and Kalpakkam in Tamil Nadu. One peculiarity about NAPS is that it is the first indigenous Power Plant of the country.

The prime objective was to make student acquit with Industrial application along with regular classroom teaching. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Arun Gangwar (Electrical Engineering Department).

Objectives-

a) To learn the functioning of atomic power plant.

b) To understand the effect of atomic power plant on environment.

c) To understand the best and sustainable practices in running nuclear energy based power plant.

d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of nuclear power plant.
b) Students also learn the safety measures and precautions at site.
c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Glimpses on Site:

INDUSTRIAL VISIT

AT

NARORA ATOMIC POWER PLANT (NPCIL)

Category- Skill Development

Number of participants- 60 **Date- 06-09-2018**

Report-

Department of Electrical Engineering organised an industrial visit at **Narora atomic power plant (NPCIL), Bulandshahar (U.P.) for the student of Diploma (EE) III sem and Diploma (EE) V sem.**

The Narora Atomic Power Station is situated at the banks of river Ganga in Bulandshahr district of Uttar Pradesh. It is 60 kms away from Aligarh which is the closest substantial population centre. The Narora Atomic Power Station (NAPS) is a twin unit module of 220MW each of pressurized heavy water reactors. The reactors use natural uranium available in India as fuel & heavy water produced in the country as moderator& coolant. The station is connected to high voltage network through five 220kV lines, one to Moradabad, one to Harduaganj, one to Simbholi, and two to Khurja. It is designed for base load operation as a commercial station. Narora Atomic Power Plant is the fourth Atomic Power Plant installed in India preceded by Tarapur in Maharashtra, Rawatbhata in Rajasthan and Kalpakkam in Tamil Nadu. One peculiarity about NAPS is that it is the first indigenous Power Plant of the country.

The prime objective was to make student acquit with Industrial application along with regular classroom teaching. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Pankaj Tripathi (Electrical Engineering Department).

Objectives-

a) To learn the functioning of atomic power plant.

b) To understand the effect of atomic power plant on environment.

c) To understand the best and sustainable practices in running nuclear energy based power plant.

d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of nuclear power plant.

b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Permission letter:

INVERTIS
UNIVERSITY BAREILLY
Established by Govt. of U.P. u/s 2f of UGC Act, 1956 vide U.P. Act 22 of 2010.

Ref. No.: ..... Date: 21/08/18

To,

The Station Director

Narora atomic Power station (NPCIL)

Subject: Regarding one day industrial visit (06-09-2018)

Respected Sir,

Most humbly and respectfully I want to make few following line for your kind consideration and favourable order that is I Head of the department Electrical Engineering, Invertis University Bareilly wants for the visit of our students Diploma (EE) in the Narora atomic power plant (NPCIL) for one day **(06-09-2018)**

So it is my humble request kindly give permission for one day training. I will be highly obliged for this act of kindness of your's.

Thanking You.

Your's truly: 21-8-18

Mon Prakash Upadhyay
Head of Department
Electrical Engineering Deptt.
Invertis University Bareilly
Mob- 9997289635
Email-mon.u@invertis.org

CAMPUS
Invertis Village, Bareilly-Lucknow National Highway-24, Bareilly (UP)-243 123
• Ph. & Telefax: (0581) 2460442, 2460443, 3390000
• Fax: (0581) 3390233, 2460454 • Email: info@invertis.org

CITY OFFICE:
B-186, Civil Lines, Opp. GPO, Bareilly-243001 • Ph.: (0581) 2429100, 2429000

www.invertisuniversity.ac.in

INDUSTRIAL VISIT

AT

NARORA ATOMIC POWER PLANT (NPCIL)

Category- Skill Development

Number of participants- 55 **Date- 03-04-2018**

Report-

Department of Electrical Engineering organised an industrial visit at **Narora atomic power plant (NPCIL), Bulandshahar (U.P.) for the student of Diploma (EE) III sem.**

The Narora Atomic Power Station is situated at the banks of river Ganga in Bulandshahr district of Uttar Pradesh. It is 60 kms away from Aligarh which is the closest substantial population centre. The Narora Atomic Power Station (NAPS) is a twin unit module of 220MW each of pressurized heavy water reactors. The reactors use natural uranium available in India as fuel & heavy water produced in the country as moderator& coolant. The station is connected to high voltage network through five 220kV lines, one to Moradabad, one to Harduaganj, one to Simbholi, and two to Khurja. It is designed for base load operation as a commercial station. Narora Atomic Power Plant is the fourth Atomic Power Plant installed in India preceded by Tarapur in Maharashtra, Rawatbhata in Rajasthan and Kalpakkam in Tamil Nadu. One peculiarity about NAPS is that it is the first indigenous Power Plant of the country.

The prime objective was to make student acquit with Industrial application along with regular classroom teaching. Students were accompanied by Mr. Mon Prakash Upadhyay, Mr. Pankaj Tripathi (Electrical Engineering Department).

Objectives-

a) To learn the functioning of atomic power plant.

b) To understand the effect of atomic power plant on environment.

c) To understand the best and sustainable practices in running nuclear energy based power plant.

d) To understand better the concept of Power Station Practices.

Outcomes-

a) This industrial visit also helps the students to visualise the working of nuclear power plant.

b) Students also learn the safety measures and precautions at site.

c) Students also learn the teamwork is very important at site where different employee work on different tasks very smoothly.

Permission letter:

INVERTIS
UNIVERSITY BAREILLY

Ref. No.: ..... Date 24/03/18

To,

The Station Director

Narora atomic Power station (NPCIL)

Subject: Regarding one day industrial visit (03-04-2018)

Respected Sir,

Most humbly and respectfully I want to make few following line for your kind consideration and favourable order that is I Head of the department Electrical Engineering, Invertis University Bareilly wants for the visit of our students Diploma (EE) in the Narora atomic power plant (NPCIL) for one day **(03-04-2018)**

So it is my humble request kindly give permission for one day training. I will be highly obliged for this act of kindness of your's.

Thanking You.

Your's truly:

Mon Prakash Upadhyay
Head of Department
Electrical Engineering Deptt.
Invertis University Bareilly
Mob- 9997289635
Email-mon.u@invertis.org

CAMPUS
Invertis Village, Bareilly-Lucknow National Highway-24, Bareilly (UP)-243 123
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1.3.2-3 Value Based Course

Workshop on Software by Ducat 2018

To
The Vice Chancellor
Invertis University
Bareilly
Date : 10-10-2018

Subject: Proposal for conducting workshop related to CAD softwares for Fashion Design students

Respected Sir,

We want to conduct a workshop to familiarize the students of Fashion Design to Designing softwares like Photoshop, Coral draw, Adobe illustrator and In design Career. The proposed date for workshop is 11-10-2018 from 11 am to 1 pm in Seminar hall L.

The proposal received from Ducat company for workshop has been attached.

It is requested to you to permit for the same. We would be highly grateful.

Thanks and Regards
Dr. Babita Bhandari 10/10/2018
HOD and Assistant Professor
Dept of Fashion Design
Invertis University, Bareilly (U.P)

Hon'ble V.C. Sir
Recommended for consideration & approval.
10/10/18

Allowed
10.10.18

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Educational Trip To Jaipur 2018

Allowed without any financial obligation on part of Invertis University.
17.10.18

To,
The Vice Chancellor
Invertis University
Bareilly

Date: 16-10-2018

Subject: Proposal for organizing an academic tour for Fashion Design students

Respected Sir,

This is in reference with the academic tour for students of Fashion Design. Fashion designing is interconnected with the Indian traditional textiles, crafts and architecture in a way that inspiration is drawn from these sources to create the designs as per the current needs of the customers.

Jaipur is a hub of traditional textile art and craft like tie and dye, block printing, tribal costumes, handmade jewellary and accessories etc.

Since most of the subjects taught in Department of Fashion Design demand a need to expose the students to various textile designs, crafts, and costumes. Hence an academic tour has been proposed for the students of 2nd and 3rd year B.Sc. Fashion Design.

The proposed duration of the tour shall be from 25-10-2018, 6 pm to 28-10-2018, 6 am.

It is requested to you to permit for the same. We would be highly obliged.

Thanks and Regards
Dr. Babita Bhandari 16/10/2018
HOD and Assistant Professor
Dept of Fashion Design
Invertis University, Bareilly (U.P)

Hon'ble V.C. Sir
Recommended for consideration and approval of OD for two faculty members ① Mr. Vishal Kumar ② Ms. Anshu Singhal for 26 & 27th Oct 2018.
16/10/18

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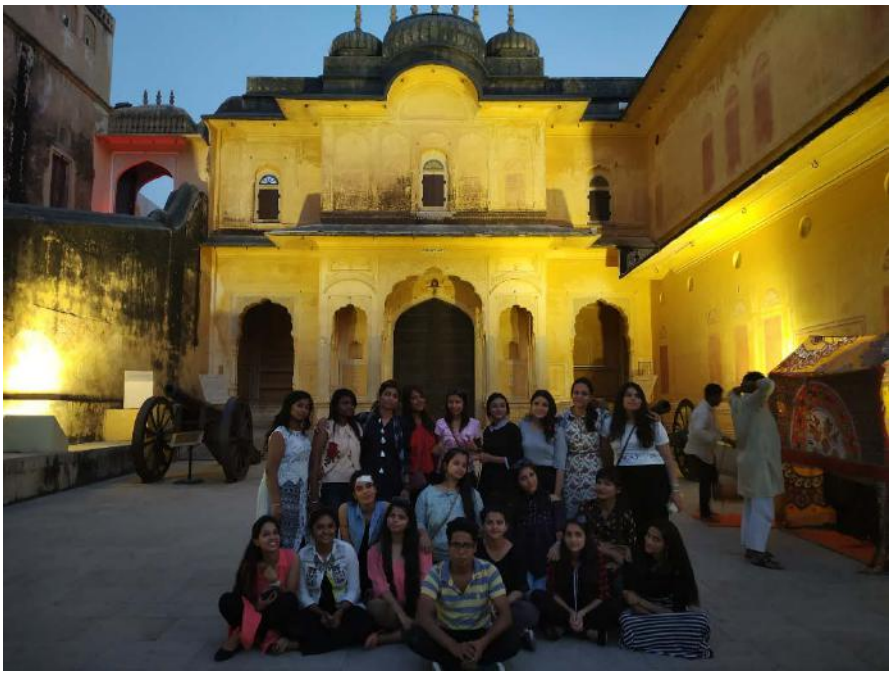


One day Educational to Surajkund International Mela 2019

To,
The Vice Chancellor
Invertis University
Bareilly

Date: 07-02-2019

Subject: Proposal for an academic tour to Surajkund International Crafts Mela

Respected Sir,

This is in reference with the academic tour for students of Fashion Design.

Surajkund International Crafts Mela showcases some of the most exquisite handlooms and handicrafts of India and International. The Surajkund Mela is unique as it showcases the richness, diversity and cultural fabrics of India and is the largest crafts fair in the world. Such visit enhances students' exposure and creativity level. Subjects like Traditional Indian Embroideries, Fabric Study, Surface Ornamentation and Minor Project demand the exposure to such markets and fairs.

Hence an academic tour has been proposed for the **25 students** of B.Sc. Fashion Design (**1st, 2nd, &3rd semester).**

The proposed duration of the tour shall be from **07-02-2019 (1:00am)** to **08-02-2019 (6:00am).**

It is requested to you to permit for the same. We would be highly obliged.

The name of accompanying faculty for the tour are **Mr. Vishal Kumar** and **Miss. Anshu Singhal**

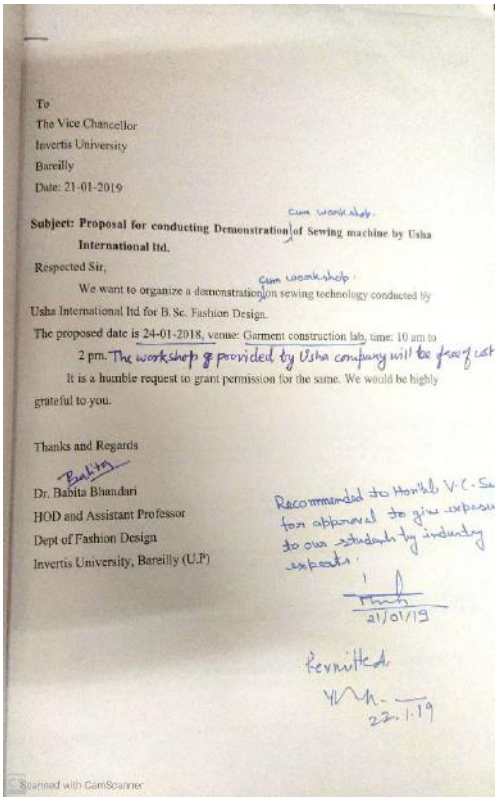
List of students has been enclosed.

Thanks and Regards
Babita
Dr. Babita Bhandari
HOD and Assistant Professor
Dept of Fashion Design
Invertis University, Bareilly (U.P)

Recommended to Hon'ble V.C. Sir for consideration and approval of OD for accompanying faculty members.
06/02/19

Allowed
6-2-19

Workshop by USHA 2019 January



To
The Vice Chancellor
Invertis University
Bareilly
Date: 21-01-2019

Subject: Proposal for conducting Demonstration cum workshop of Sewing machine by Usha International ltd.

Respected Sir,

We want to organize a demonstration cum workshop on sewing technology conducted by Usha International ltd for B.Sc. Fashion Design.

The proposed date is 24-01-2018, venue: Garment construction lab, time: 10 am to 2 pm. The workshop is provided by Usha company will be free of cost

It is a humble request to grant permission for the same. We would be highly grateful to you.

Thanks and Regards

Dr. Babita Bhandari
HOD and Assistant Professor
Dept of Fashion Design
Invertis University, Bareilly (U.P)

Recommended to Hon'ble V.C. Sir for approval to give exposure to our students by industry experts.

21/01/19

Permitted

22.1.19

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Industrial Visit 2019 and Craft museum 2019

10:58

Educational trip of B.Sc Fashion Design on 1st October 2019 to Export house and handicraft museum, New Delhi Inbox

Monika Negi 9/30/2019
to All, Umesh, Sonal, YDS, ...

Dear All,

Greetings of the day...!!

Respected All,
This is to inform you all that the students of B.Sc Fashion Design (1st year, 2nd year and 3rd year) are going on an **Educational Trip** to **New Delhi** (Export house, handicraft museum) on **1st October 2019 (Tuesday 3:00 AM) and will be back on 2nd October 2019 (3:00 - 4:00 AM) Morning**.
Dr. Monika Negi, Ms Anshu Singhal, and **Ms Shewali Sahay** shall accompany the students on the trip.

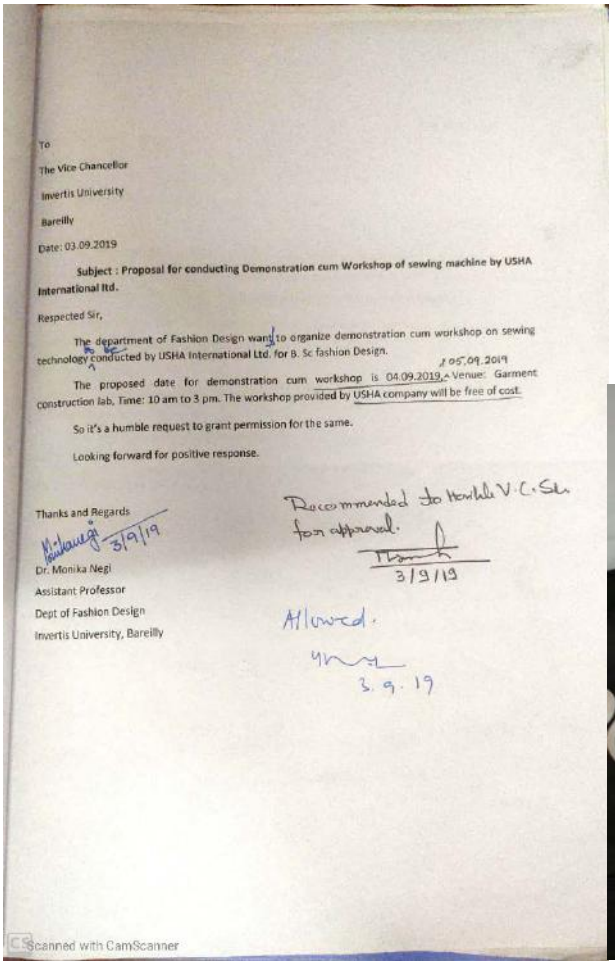
HR department is kindly requested to consider **Official Duty (OD)** of the above mentioned faculty members.

Thanks and Regards
Dr. Monika Negi
Asst. Professor/ HOD
Dept. of Fashion Design
Invertis University, Bareilly
9719995769


Shot on realme X
By AD


Shot on realme X
By AD

Workshop by Usha 2019 September



To

The Vice Chancellor

Invertis University

Bareilly

Date: 03.09.2019

Subject : Proposal for conducting Demonstration cum Workshop of sewing machine by USHA International ltd.

Respected Sir,

The department of Fashion Design want to organize demonstration cum workshop on sewing technology conducted by USHA International Ltd. for B. Sc fashion Design.

The proposed date for demonstration cum workshop is 04.09.2019 / 05.09.2019 Venue: Garment construction lab. Time: 10 am to 3 pm. The workshop provided by USHA company will be free of cost.

So it's a humble request to grant permission for the same.

Looking forward for positive response.

Thanks and Regards

3/9/19

Dr. Monika Negi

Assistant Professor

Dept of Fashion Design

Invertis University, Bareilly

Recommended to Hon'ble V.C. Sir for approval.

3/9/19

Allowed.

3.9.19

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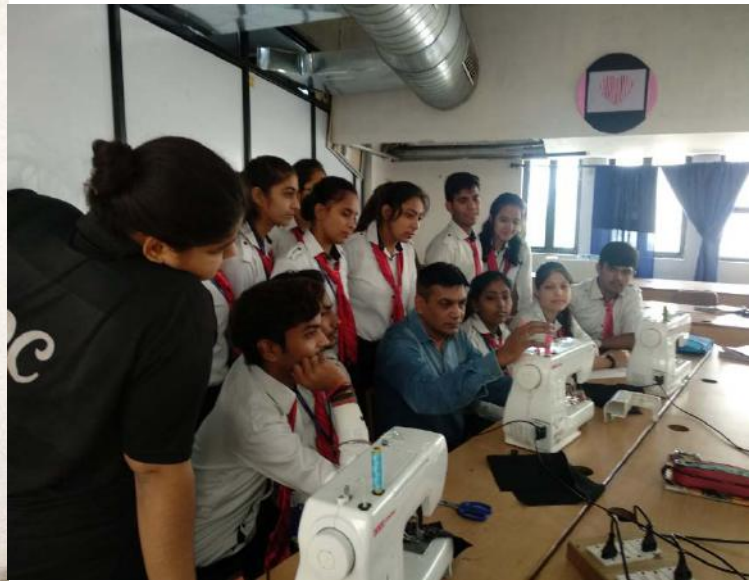
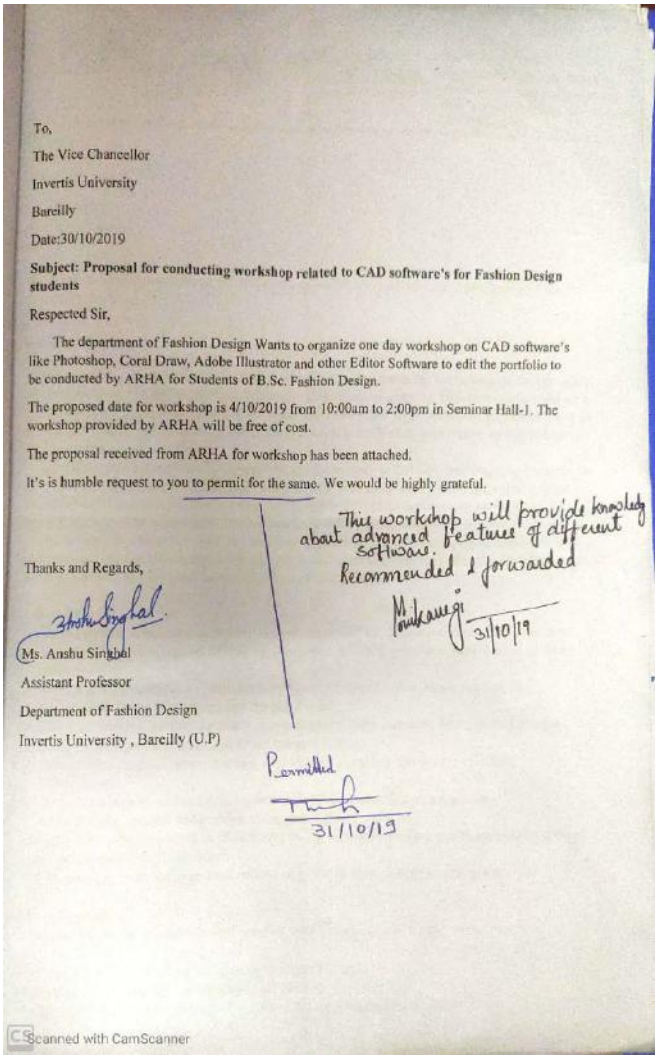


Workshop on Digital Software 2019



To,

The Vice Chancellor

Invertis University

Bareilly

Date:30/10/2019

Subject: Proposal for conducting workshop related to CAD software's for Fashion Design students

Respected Sir,

The department of Fashion Design Wants to organize one day workshop on CAD software's like Photoshop, Coral Draw, Adobe Illustrator and other Editor Software to edit the portfolio to be conducted by ARHA for Students of B.Sc. Fashion Design.

The proposed date for workshop is 4/10/2019 from 10:00am to 2:00pm in Seminar Hall-1. The workshop provided by ARHA will be free of cost.

The proposal received from ARHA for workshop has been attached.

It's is humble request to you to permit for the same. We would be highly grateful.

This workshop will provide knowledge about advanced features of different softwares.
Recommended & forwarded
31/10/19

Thanks and Regards,

Ms. Anshu Singhal
Assistant Professor
Department of Fashion Design
Invertis University , Bareilly (U.P)

Permitted
31/10/19

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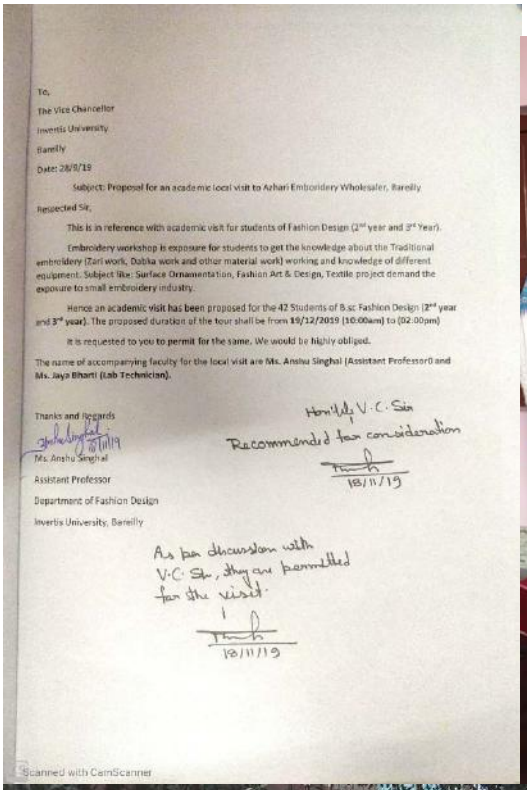
Local Visit of Zari workshop 2019



To,
The Vice Chancellor
Invertis University
Bareilly
Date: 28/8/19

Subject: Proposal for an academic local visit to Azhari Embroidery Wholesaler, Bareilly

Respected Sir,

This is in reference with academic visit for students of Fashion Design (2nd year and 3rd Year).

Embroidery workshop is exposure for students to get the knowledge about the Traditional embroidery (Zari work, Dabka work and other material work) working and knowledge of different equipment. Subject like: Surface Ornamentation, Fashion Art & Design, Textile project demand the exposure to small embroidery industry.

Hence an academic visit has been proposed for the 42 Students of B.sc Fashion Design (2nd year and 3rd year). The proposed duration of the tour shall be from 19/12/2019 (10.00am) to (02.00pm)

It is requested to you to permit for the same. We would be highly obliged.

The name of accompanying faculty for the local visit are Ms. Anshu Singhal (Assistant Professor0 and Ms. Jaya Bharti (Lab Technician).

Thanks and Regards

Ms. Anshu Singhal
Assistant Professor
Department of Fashion Design
Invertis University, Bareilly

Kindly V.C. Sir
Recommended for consideration
18/11/19

As per discussion with V.C. Sir, they are permitted for the visit.
18/11/19

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Glimpses of M.Sc. Physics Students, Conference at IIT Kanpur (11/11/2019) & an educational visit at BBAU, central university, Lucknow from 12-13 November 2019

I am happy to share glimpses of M.Sc. Physics Students, Conference in IIT Kanpur (11/11/2019) & an educational visit at BBAU, Central University, Lucknow on 12-13 November 2019.

The visit was very fruitful and glorious for the students, they learned a lot during this visit.

At IIT Kanpur they got the chance to interact with eminent scientists and professors of India.

At BBAU, Central University Lucknow, they met with professors and researchers of the physics department of BBAU. They also learned to work in a research laboratory of nanoscience and molecular modeling.

-Dr. Surya Pratap Goutam


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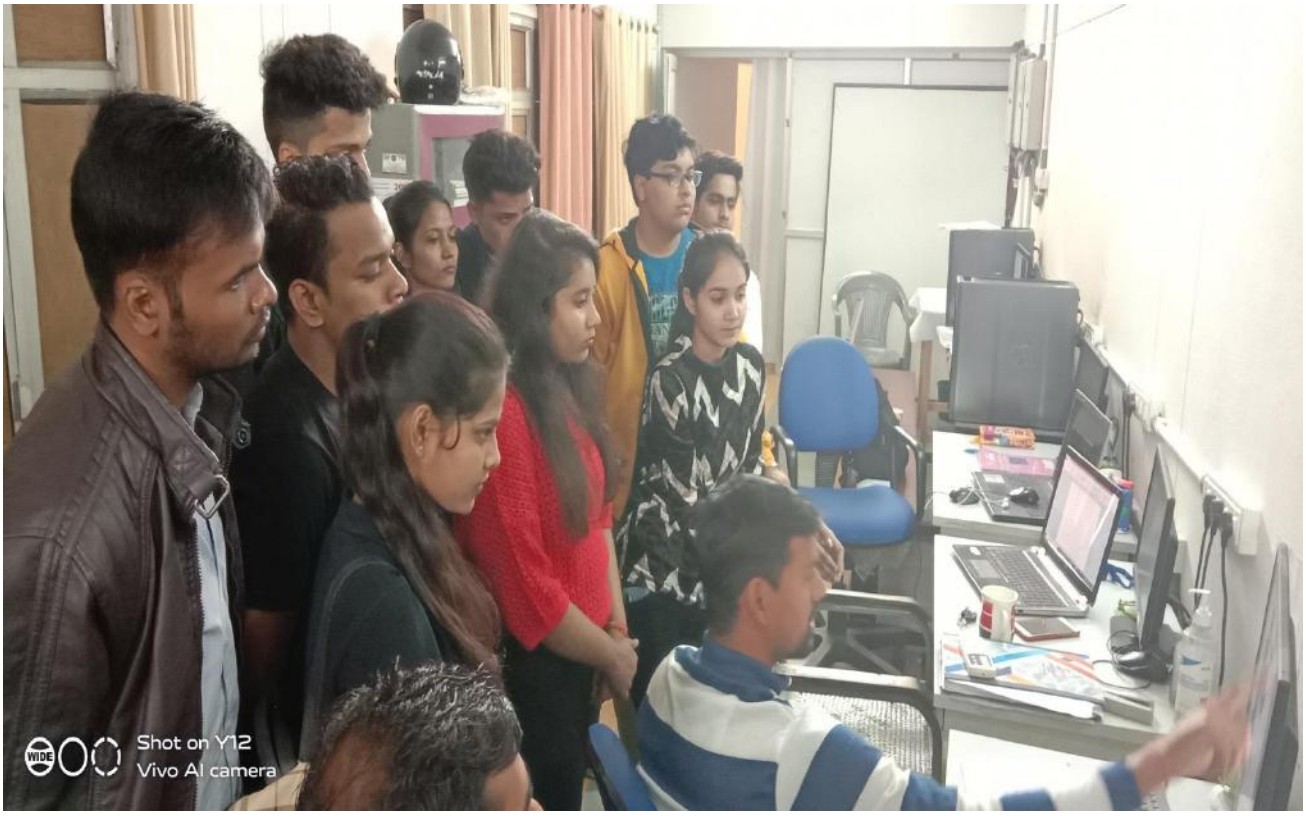
Vivo AI camera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SCHOOL FOR PHYSICAL SCIENCES
अनुप्रयुक्त भौतिक विज्ञान विभाग
DEPARTMENT OF APPLIED PHYSICS
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Vivo AI camera


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Powered by Dual Camera


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Powered by Dual Camera
NYC
BROOKLYN

Tour Report

A tour to Nainital via Bhimtal and Sattal (Bhumiyadhar) was organized on 3rd October 2019 in order to fulfil the following objectives:

- To explore ponds, rivers, lakes and ditches in an around Sattal harbouring the fish diversity (particularly the cold water fishes).
- To make aware the students of the diversity and/or the floristic composition in and around Sattal, Uttarakhand.
- To provide some practical knowledge on 'LICHENS'; an integral part of nature and subject.
- To provide constant impetus for further activity (research or study) in the same area.

Uttarakhand has been known for its rich culture and floristic diversity. Nainital being placed nearer to the Bareilly district appeared suitable place for students to gain knowledge on the floristic composition of the places adjacent to Bareilly. The climatic conditions and environmental regimes in and around the Nainital district offer diverse habitat for different groups of organisms including lichens. The flora covers a wide and diverse range of bryophytes, orchids, rare climbing plants, ferns, lichens, fungi, medicinal herbs and shrubs. The mixed vegetation of the surveyed area predominantly covered by trees. The majority of trees are comprised of *Cedrus deodara*, *Cupressus torulosa*, *Pinus roxburghii*, *P. wallichiana*, *Quercus floribunda*, *Q. leucotricophora*, *Q. semicarpifolia*, and *species of Acer*, *Berberis*, *Ilex* and *Rhododendron*.

The tour was mainly organized for the students of Ist semester and a few interested students of IIIrd semester in B.Sc. (ZBC). Two places were planned to visit:

a) **ICAR-DCFR, Bhimtal:** Coldwater fisheries have a great potential in generating rural income and providing food security to the rurals in Indian uplands and its sustainable utilization and development have assumed importance in cold water regions of the country. The ICAR-Directorate of Coldwater Fisheries Research, Bhimtal has been continuously providing empirical inputs through imparting quality research and services for sustainable cold water fisheries production, management and conservation.

The students gained knowledge on different species of cold water fishes chiefly belonging to Uttarakhand or areas nearer to it. In addition, the employees working in the research centre provided information based on fish habit, habitat and breeding period. Several artefacts placed in the museum of the centre reflect the behaviour of fishes in those areas. Students had been shown various equipment with methodologies to trap cold water fishes. They had also been taught on strategies related with transfer of fishes from in-situ to ex-situ conditions for various research analysis. The culture of fishes was another interesting aspect of the organization.

The visit was ended with a documentary displayed in a common room. The documentary was totally based on the purpose to establish the institute in that area as well as to make aware the visitors the current research activities running in the centre.

b) **CSIR-NBRI & Indian Lichenological Society (ILS) workshop at Sattal (Bhumiyadhar):** The students and accompanying faculties got a chance to visit the workshop organized by the collaboration of CSIR-National Botanical Research Institute, Lucknow and Indian Lichenological Society in a place in between Nainital and Sattal.

The invertians spent few hours there to learn fundamental of lichens, which in actual is a part of their subject. The lichen research in India initiated almost 60 years back and at present all over the country there are about 200 researchers working on various aspects of lichenology. The main aim of the workshop was to disseminate the knowledge on lichens among different scientists and professors of India, who were seeking possibilities to establish a lichen lab in their organizations.

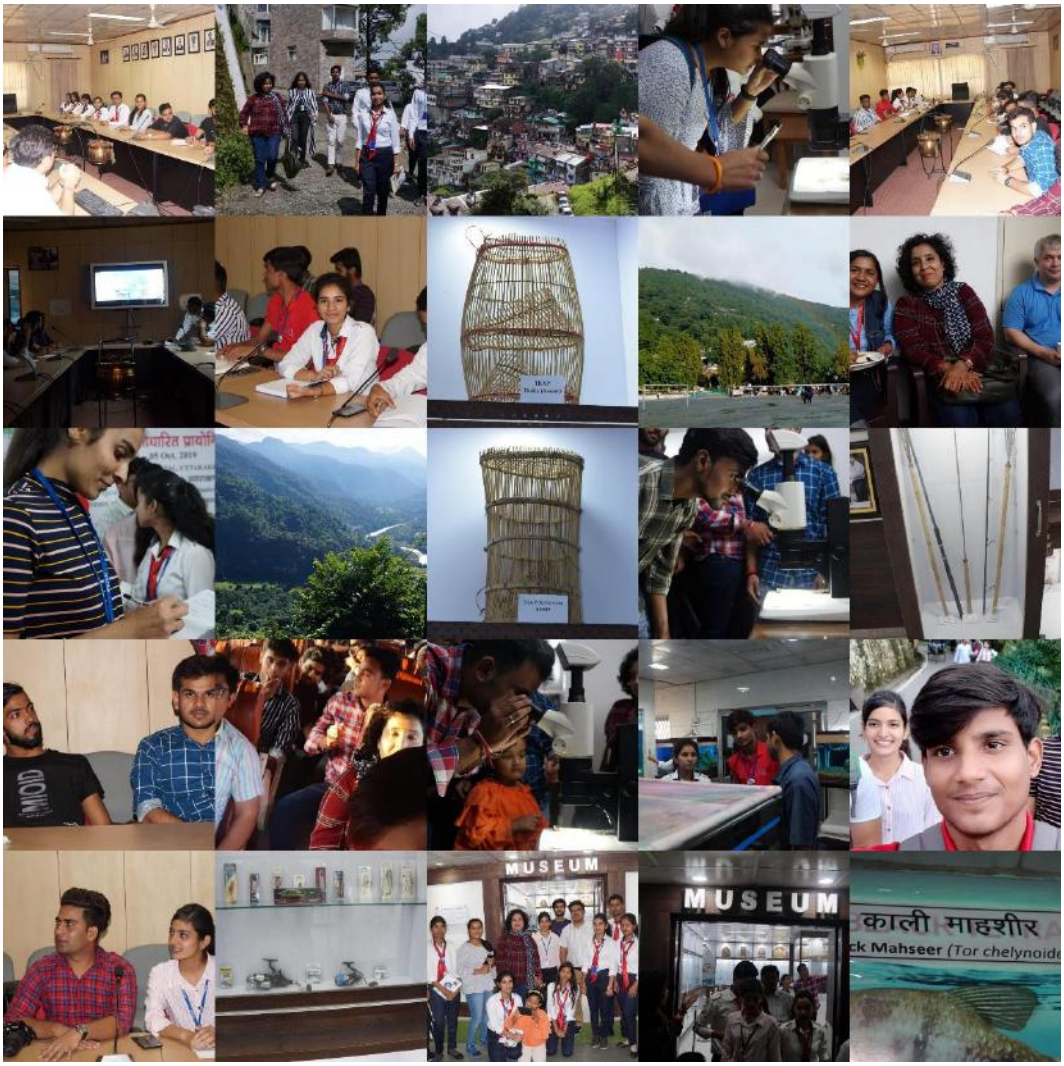
The scientists available there explained the types of lichens and their exploitation in different fields. The scientists presented a detailed information on lichens covering their taxonomical, ecological and economical values. During the presentation several ideas were exchanged and queries from the side of students were resolved.

The attractive presentation with slides full of information summarized in a way that the lichens with small biomass in the forests are the integrated part of nature. It is a good indicator of pollution and forest health. The pollution free environment and undisturbed environmental conditions are the suitable habitat for these *lichenized-fungi*.

Several medicines, spices, dyes and perfumes can be manufactured with lichens due to their unique secondary metabolites.

The presentation was followed by the methodologies of identification. Within a short period of time students were given some practical knowledge on lichen identification. Students could see the different specimens of lichen under stereo -zoom dissecting and compound microscopes with high magnifying powers. Different growth forms, rock and bark inhabiting lichens were available for them to learn. They could see the UV-chamber, which actually is used to segregate lichens based on their UV+ or UV- compounds.

Lastly, there was a short stay in Nainital while returning back to Bareilly, to enjoy the weather at higher altitude. Students were planning to collect some samples of lichen from the forest area, but unfortunately due to heavy rain, it could not be done, and postponed for the next possible trip. The tour covered the targeted places successfully. The journey was full of curriculum as well as co-curriculum activities. The students and one of the accompanying faculties were reached in time safely at their destinations in the same day, while the other faculty stayed in the workshop as resource person and returned after the completion of the workshop.



*Random photographs by the side of students

By:
Dr. Santosh Joshi
Dr. Sneha Verma
ASH Department
Invertis University
Bareilly

REPORT OF INDUSTRIAL VISIT IN "Coca-Cola Beverage Industry, Parsakhera

"Chemistry begins in the stars. The stars are the source of the chemical elements, which are the building blocks of matter and the core of our subject."- Peter Atkins

Chemistry is all about practical implications of the theoretical concepts. Students are required to have Industrial Visits besides their classes in order to explore the understanding of the chemical experiments and its Industrial applications. With this objective in mind, a one day Industrial Visit was organized by **"Applied Science, Invertis University" on 28th January 2020 to "Coca-Cola Beverage Industry, Parsakhera"** plant in Bareilly, UP.

The visit was planned for the students of M.Sc. (II), M.Sc. (IV) and B.Sc. (H) VI (Chemistry) accompanied by the Faculty-coordinators, **Dr. Kuldeep Chauhan** and **Ms. Kirti Baranwal** (Assistant Professor). The bus left the University Campus by **10:15 am** with a total of **31 students**. The group reached the plant by **11:15 am**. After giving a briefing of the rules and guidelines to be followed, the students were taken to the seminar hall.

An introductory session was conducted by **Ms. Anjali** (HR Business Partner) who provided very useful information about the Coca-Cola Company such as:

- An insight into the historical background of Coca Cola.
- Products offered worldwide i.e. Thumbs Up, Maaza, Sprite, Fanta, Coke and Kinley.
- Quality Standards followed.
- Mentioned about every activity happening in the plant like washing of bottles, filling, capping, labeling and packaging.
- Lastly, she splintered the myths regarding the ill effects of Coca-Cola logically.

Images in question session of students with Chemist and HR

Group Pictures with students in Coco Cola Beverage Industry

After the session the students were taken to the assembly line and briefed about the processes and operations undertaken by the plant. The curiosity of the students was finally satisfied when a question answer session was conducted by Ms. Anjali. The students were provided with deep insights about the working of the Plant and each and every question was patiently answered by her. The visit was finally concluded around 01:30 pm and the group was offered refreshing and unlimited cold drinks by the company. The students left the plant around 01:30 pm. The industrial visit to Coca-Cola was an enriching experience for students in getting live exposure of manufacturing which can help them in their internships and further career enhancements.

"Our soul is traveller. Never shackle her in our tiny world. Be free , be passionate and explore the world for her. She will savor you peace in return."
These words of THALORH BALRAM fill all of us with curiosity to explore the world and learn something new , interesting and innovative.
And so we the students of **B.Sc. honours** , in guidance of our class incharge **Dr. Avadhesh Sharma,** and **Dr. Kriti Baranwal** decided to keep the bookish knowledge aside and search something practical and be a wanderer. To enhance our understanding in the field of physics we found one of the biggest observatory **ARIES (Aryabhatt Research Institute of Observational Sciences)** located in the arms of **NAINITAL.** We went on a two day trip to Nainital during **10-11 October 2019**. We got an opportunity not only to live physics but also to embrace the beauty of soothing and relaxing hill station. In the observatory one the communicator guided us through the whole Institute , explaining and clearing doubts in the minds of students. He with his extreme patience discussed the working of telescope and procedures to complete any sort of observations , he also made us aware about several conditions and favourable weather for the such scientific research. It was the great and wonderful experience being there with the institute dignities and learning interesting scientific phenomenons.

(*SOME GLIMPSE OF INSTITUTE)*

It was indeed a wonderful and informative experience. We bid adieu them with most important group photograph

Then it was time for us to adore the beauty of the lake city. Something which is beyond beautiful and soothing to eyes. Lake , temple , markets, people , roads everything was being captured both in our cameras and hearts. We got some greatest experience of boating in naini lake , wandering in the cave garden, watching species of wildlife in large numbers in zoo.

We had a wonderful experience forming strongest bonds with our mates gaining handful of knowledge and information.

If given again , we won't miss the opportunity to come here again.

EDUCATIONAL TOUR REPORT 30/08/2019

INVERTIS UNIVERSITY

BAREILLY

Report for an educational visit to **National Botanical Research Institute (NBRI) and National Bureau of Fish Genetic Resources (NBFGR), Lucknow**

PREPARED BY: Dr. Sneha Verma (Assistant Professor, Department of Applied Science & humanities, Invertis University, Bareilly)

I write my report in brief to explain how our educational visit was. The 30th of August 2019 is unforgettable day to me and Dr. Satendra (Assistant Professor, Department of Applied Science & humanities, Invertis University, Bareilly), and all students of BSc (IIIrd and Vth semester). In this educational visit, there were total 31 students with two faculty members (Dr. Satendra and Dr. Sneha Verma, Assistant Professor, Dept. of ASH, Invertis University, Bareilly). We visited **National Botanical Research Institute (NBRI) and National Bureau of Fish Genetic Resources (NBFGR), Lucknow** for the first time as educational trip. Both the institute are well known for their repute national and international level in the Botanical research and in the area of fish conservation via genetic resources. The purpose of this visit was to educate the students towards various research activities which have been practised in the premier research labs in government sector. Major visit of labs was done in "NBRI" and "Hatchery unit and Genetic and computational research in Fish field"; advance molecular biology lab and plant biotechnology labs. Students were also visited central instrument facility of NBRI and NBFGR where students got a chance of demonstration of state of art biotechnology instruments. During the visit, students interacted with various scientists and discussed the basics of various research programmes in NBRI and NBFGR institute.

We departed from Invertis University at around 5:45 am in the morning hours and arrived at the NBRI at around 11:30 am. Lucky enough we were warmly welcomed at the main gate by the NBRI staff members who gave us some rules and regulations which they follow.

The CSIR-National Botanical Research Institute (NBRI) - is amongst one of the constituent research institutes of the Council of Scientific and Industrial Research (CSIR), New Delhi.Their technical staff: Mr. Rawat, Mrs. Kalpana Shukla has visited the NBRI institute. We visited the following unit in NBRI and had seen the current research works and their procedures for development of herbal products, which are listed below:

- NBRI museum,
- Herbarium unit, and their laboratories
- Tissue culture techniques,
- Dry flower techniques,
- T.S. of trunk of Ficus,
- Moss house, fern house,
- Himalayans plants,
- Eco-education garden,
- Chrysanthemum varieties,
- Botanical garden,
- Conservatory section,
- Orchidium,
- Cactus house,
- Seed biology,
- Fly-ash management,
- Ethnobotany,
- Tribal India and
- White fly resistant cotton in the Museum.

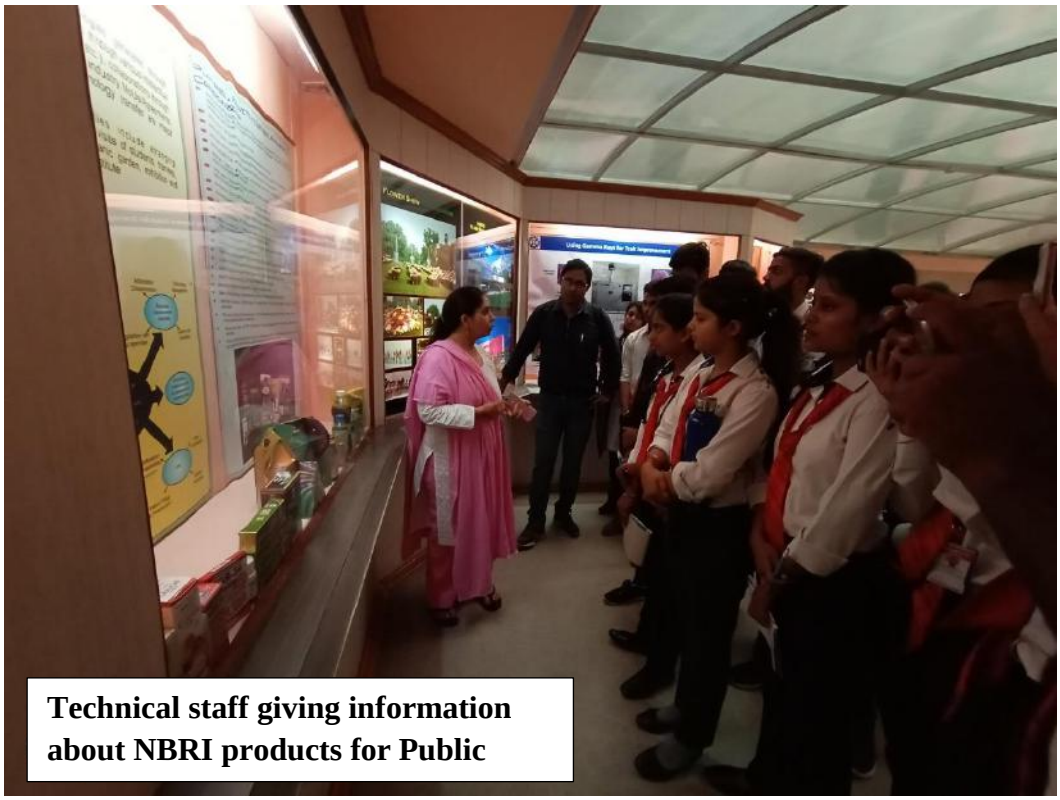
There are some pictures of NBRI museum:

NBRI Excavated material

Dry Flower technique

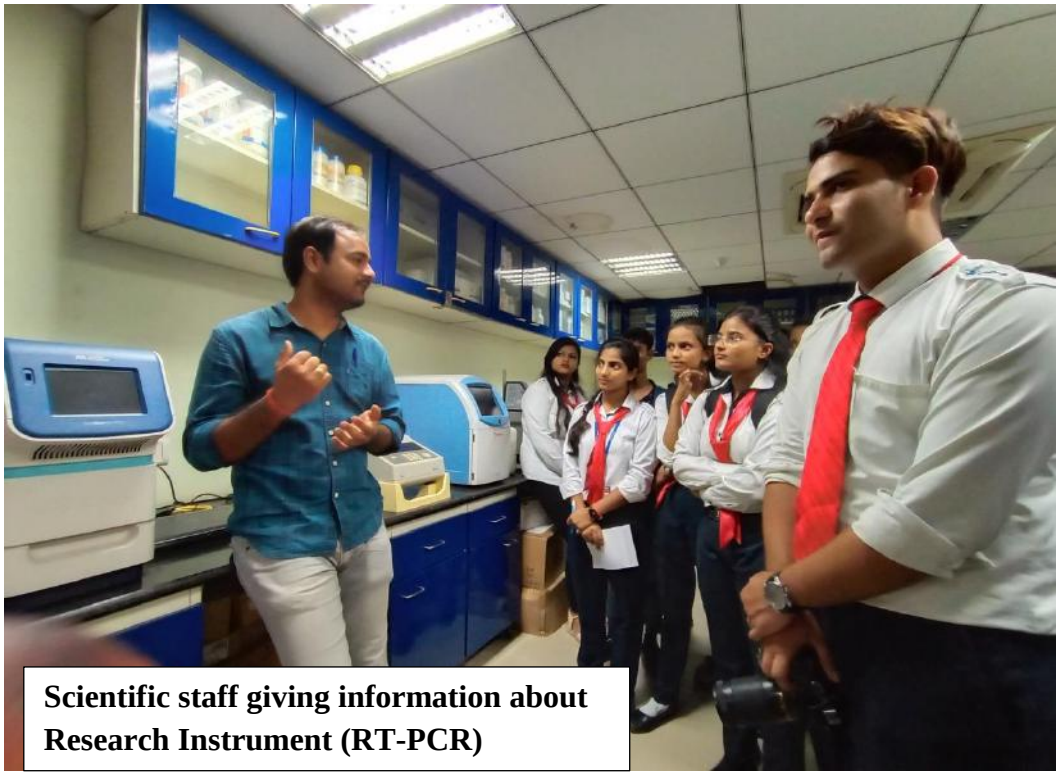
Showing Old tribal Indian culture

Showing Old culture

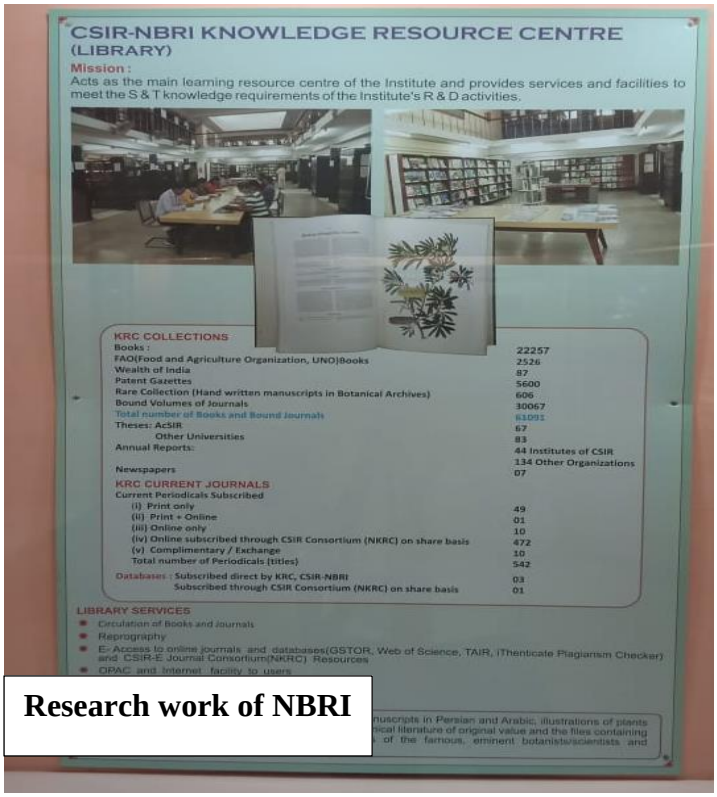


Technical staff giving information about NBRI products for Public

NBRI laboratory visit



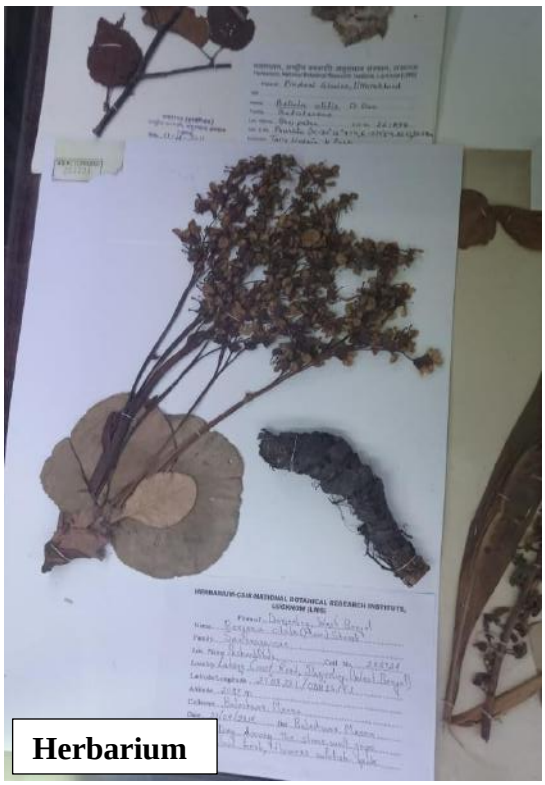
Scientific staff giving information about Research Instrument (RT-PCR)



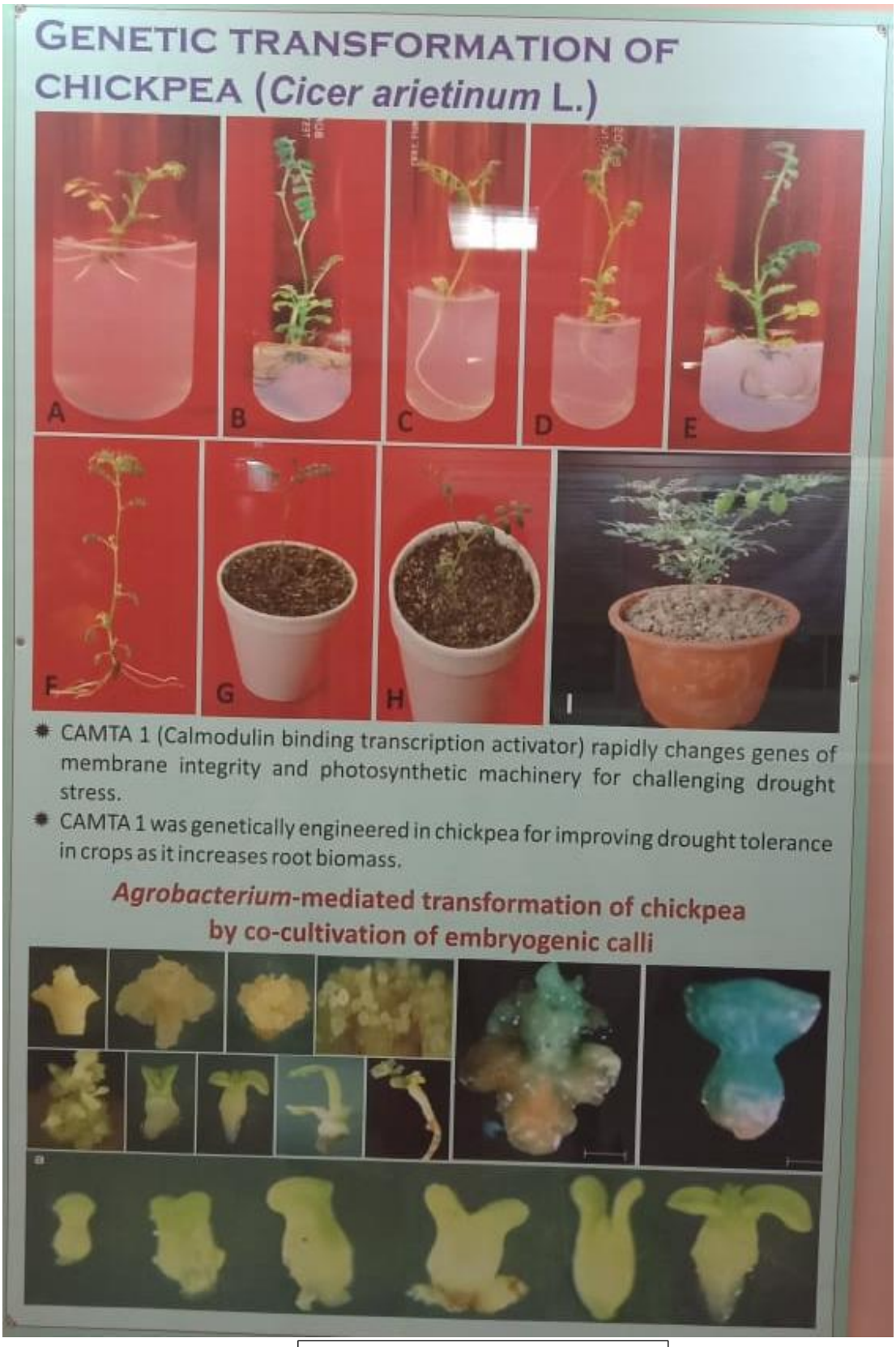
Research work of NBRI

Interaction with the Scientist

Products of NBRI as research

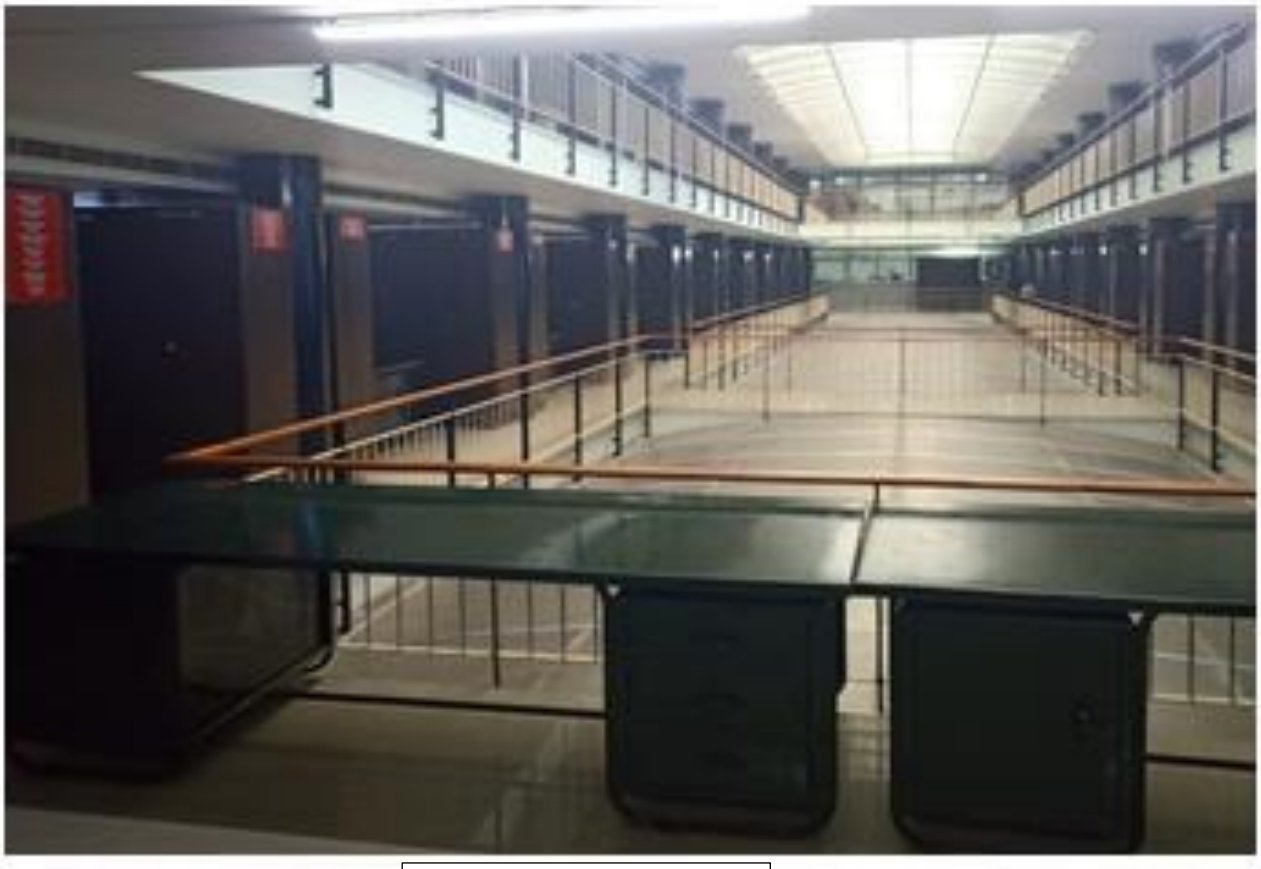


Herbarium

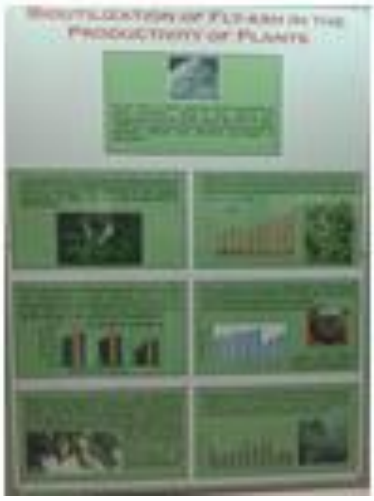


Research work of NBRI

T.S. of Ficus



Herbarium Unit Part



Different research going on in NBRI and view of various houses





Different research going on in NBRI and view of various houses

After visiting the NBRI institute (CSIR institute), we had taken lunch in a Restaurant. After this, the students travelled for 7km to another institute i.e., NBFGR (National Bureau of Fish Genetic Resources, an ICAR institute) in Lucknow. That institute has emerged as a centre of excellence in cataloguing and conserving the aquatic bio-resources of India. It aims at collecting, classifying and cataloguing fish genetic resources of the country and also maintenance and preservation of fish genetic material for conservation of endangered fish species and evaluation of indigenous and exotic fish species.

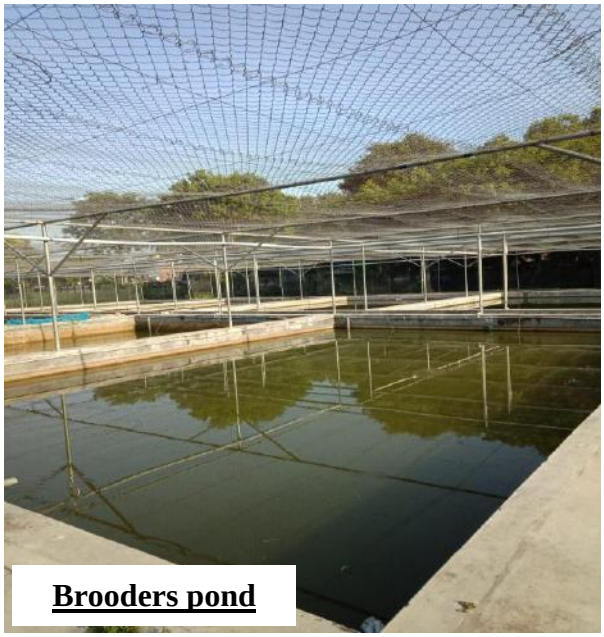
The main purpose of this institute visit was to get the students closer to the live experiments of lower vertebrates (fish) or the laboratory of fish handling and their cryopreservation, DNA barcoding. At NBFGR we were welcomed by Mr. Atul, who had us to visit the hatchery unit, cryopreservation unit, Fish museum. Those above units are the main sole of NBFGR institute. This particular visit to NBFGR was the first time for all that we were fortunate to meet with the Honourable retired ADG (Additional Director of General) of ICAR (Indian council of agriculture research) Dr. Sudhir Raizada and his team, who were working in mass scale production of fish. He was very generous to provide a quick presentation about the work that they do, and the custom methods of rearing of fish eggs and young ones that they implement in order to work on such large and challenging projects.

Hatchery Unit (Nursery ponds, breeding Unit, rearing procedure) of NBFGR guided by Scientific and Technical staff

Rearing of Fish fries

Hatchery Unit

Breeding pool



Brooders pond

Rearing and Nursing pond

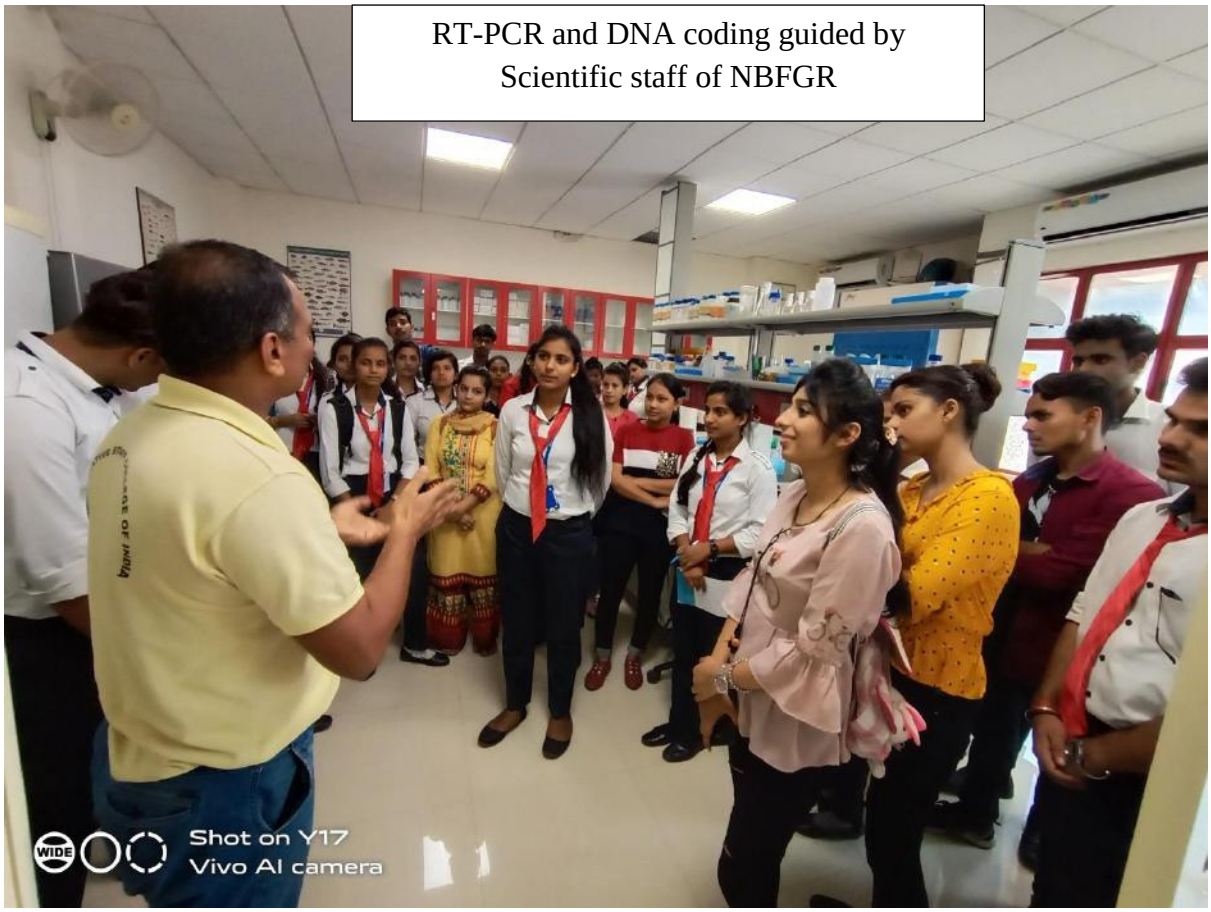
Fries (young ones) of Fish

After the hatchery unit, we were going to the fish museum where so many freshwater and marine fish were kept to know the fish varieties or its classification. Some of the fish sculptures kept in the museum are pictured below:

Fish Museum of NBFGR guided by Technical staff

Instrumentation Unit

RT-PCR and DNA coding guided by
Scientific staff of NBFGR



Fish Museum

Fish Museum

Ganga aquarium

Conclusion:

The educational trip of BSc Vth and IIIrd semester students of Invertis University, Bareilly was successfully completed. This visit to CSIR and ICAR institute was very beneficial for the students to know or to share current research experiments for betterment of livelihood and the live experiment found in the aquatic life.

The trip was a great success proving to be highly educational, not only in the field of their subjects, but in different aspects or research in botanical field to preserve flower, color of any flowering plant, to improve the quality and quantity of different grains, and how to rear or culture any fish species (i.e., pisciculture) and the important fish of Indian culture which are invaluable for enhancing a students' understanding. The opportunity to visit Lucknow is an asset to students in Life Science.

Thanks again to Prof. P.P. Singh (Dean of Science and DSW), Dr. K.K. Dubey (Hod of Dept. ASH), Dr. Satendra Singh (Assistant Professor, Dept. of ASH), Dr. Santosh Joshi (Assistant Professor, Dept. of ASH), Mr. Churasiya (P.A. of NBFGR Director) and Dr. Vikas (Scientist of NBRI) and of course CI and DC of BSc V and III sem for making this trip possible.

Industrial Visit – 2015 – 16

Course – BBA Final Year

Industry – Parle, Rudrapur

Date/Month/Year – March 2016

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know about production process and distribution network of Parle.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand production process and how Parle has developed effective distribution network.

Industrial Visit – 2016 – 17

Course – BBA & B.Com

Industry – Khandelwal Edible Oils, Bareilly,

Date/Month/Year – January 30th 2017

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how KhandelwalEdibile Oils captured local market.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Khandelwal Edible oils was able to establish a local market of its products.


KEO
KHANDELWAL EDIBLE OILS LTD.

Industrial Visit – 2016 – 17

Course – BBA & B.Com final Year

Industry – Hero Cycles, Ghaziabad

Date/Month/Year – April 10th 2017

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know about Marketing strategies of Hero Cycles.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Hero cycles have maintained its legacy over the years.


RECEP

Industrial Visit – 2017 – 18

Course – BBA Second Year

Industry – Tata Motors, Rudrapur

Date/Month/Year – November 3rd 2017

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Tata Motors effectively deals with its Human Recourse.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Tata Motors, effectively uses its Human Recourse policies to keep its employees motivated.


TATA MOTORS


TATA
TATA MOTORS

Industrial Visit – 2017 – 18

Course – B.Com(H) Second Year

Industry – Tata Motors, Rudrapur

Date/Month/Year – November 6th 2017

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Tata Motors effectively deals with its Human Recourse.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Tata Motors, effectively uses its Human Recourse policies to keep its employees motivated.

3. 


TATA
INVERTIAN


Built in Quality Motto


TATA MOTORS
Quality Month Pantnagar - Nov'17
TRANSFORMATION Through Quality Excellence

Industrial Visit – 2017 – 18

Course – BBA Second Year

Industry – AnandaGajraulla

Date/Month/Year – January 23rd 2018

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Ananda is giving challenges to big MNC's in Milk Industry.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Ananda was developing a unique business model and serving small villages.


Ananda
MILK
Anand karo!

Industrial Visit – 2017 – 18

Course – B.Com(H) Second Year

Industry – AnandaGajraulla

Date/Month/Year – January 24th 2018

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Ananda is managing funds for its expansion and growth.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Ananda was using its funds in growing its business.


Ananda
MILK
Anand karo!

Industrial Visit – 2018 – 19

Course – BBA Second Year

Industry – Ananda Gajraulla

Date/Month/Year – August 21st 2018

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Ananda is giving challenges to big MNC's in Milk Industry.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Ananda was developing a unique business model and serving small villages.


SHOT ON MI A1
MI DUAL CAMERA


Ananda
SHOT ON MI A1
MI DUAL CAMERA

Industrial Visit – 2018 – 19

Course – B.Com(H) Second Year

Industry – Nestle Pantnagar

Date/Month/Year – August 18th 2018

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Nestle is managing funds for its expansion and growth.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Nestle was using its funds in growing its business.


NESTLÉ PANTNAGAR FACTORY
Maggi


NESTLE PANTNAGAR FACTORY
Maggi

Industrial Visit – 2018 – 19

Course – B.Com(H) FM

Industry – BSE Institute and SEBI, Delhi

Date/Month/Year – September 11th 2018

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know the functioning of BSE and SEBI.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand the functioning and controlling power of BSE and SEBI.


BSE Limited
BSE
BANK
येस बैक


BSE Limited
BSE

Industrial Visit – 2018 – 19

Course – B.Com(H) FM First and Second Year

Industry – RBI, SEBI, BSE - Mumbai

Date/Month/Year – March 27th& 28th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how the role of RBI, SEBI, BSE in Economy.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.

2. Students were able to understand how vital role is played by RBI, SEBI and BSE in Economy.


BSE
BSE


BSE

Industrial Visit – 2018 – 19

Course – B.Com(H) & BBA Second year

Industry – PARLE Rudrapur

Date/Month/Year – April 26th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Parle market its products.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Parle market its products.


SHOT ON MI A1
MI DUAL CAMERA
2019/4/26 10:39


AUDITORIUM
WELCOME
PARLE BISCUITS PVT. LTD.PANTNAGAR


PARLE BISCUITS PVT. LTD.

Industrial Visit – 2018 – 19

Course - BBA First Year

Industry – Ananda Pilakua

Date/Month/Year – April 16th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Ananda collects raw material for production.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how production process of Ananda.


Ananda
Anand karo!
Ananda
Anand karo!
Ananda
Anand karo!


Ananda
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Ananda
Anand karo!


Ananda


KHERPUR KHERABAD, PILKHUWA DISTT. HAPUR

Industrial Visit – 2018 – 19

Course - BBA, B.Com(H), B.Com Final Year

Industry – Parag Bareilly

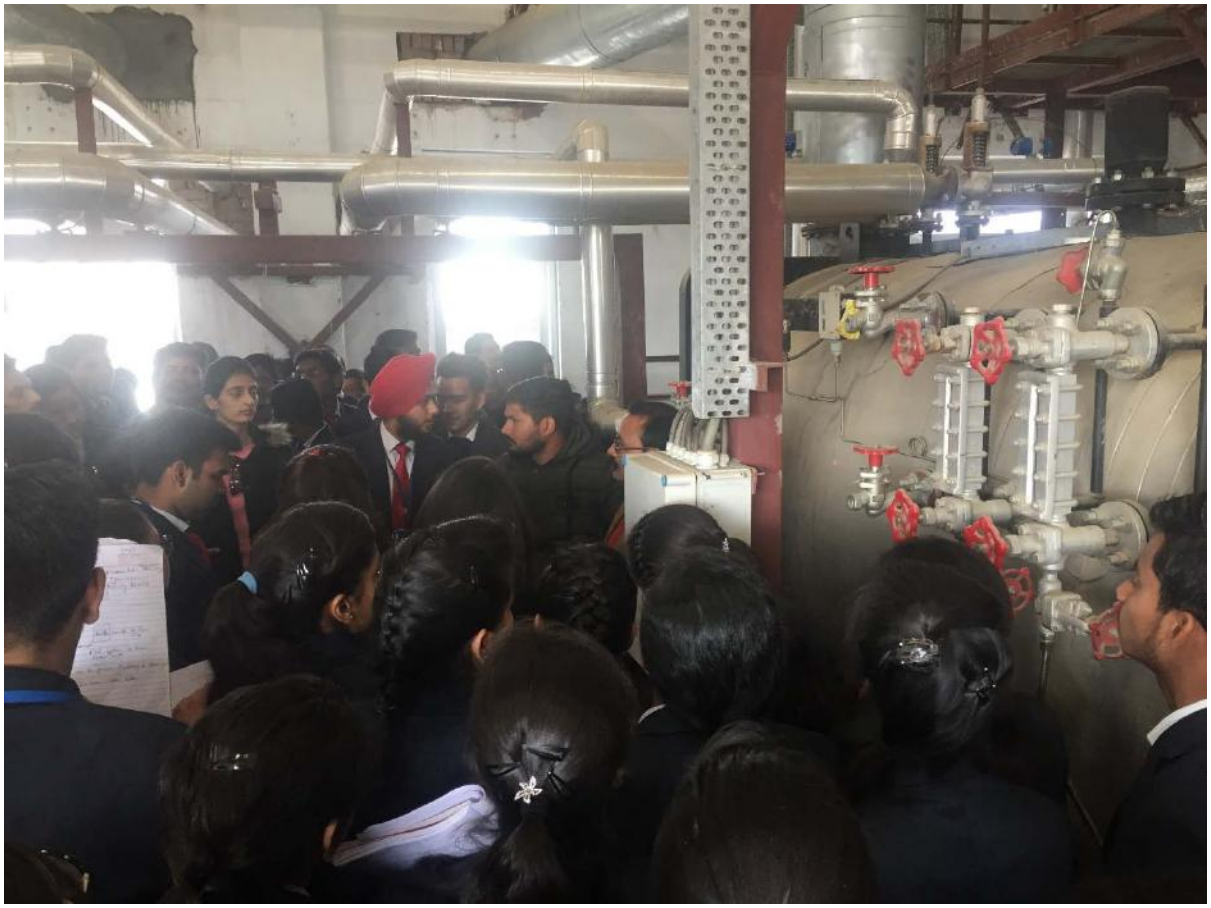
Date/Month/Year – January 29th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Parag collects raw material for production.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how production process of Parag.




PARAG DAIRY

Industrial Visit – 2019 – 20

Course – BBA Second Year

Industry – Nestle Pantnagar

Date/Month/Year – September 9th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Nestle is managing funds for its expansion and growth.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Nestle was using its funds in growing its business.


Maggi

Industrial Visit – 2019 – 20

Course – B.Com(H) FM First &Second year.

Industry – BSE Institute and SEBI, Delhi

Date/Month/Year – November 11th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know the functioning of BSE and SEBI.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.

2. Students were able to understand the functioning and controlling power of BSE and SEBI.

Industrial Visit – 2019 – 20

Course – B.Com(H) First Year

Industry – PARLE Rudrapur

Date/Month/Year – September 25th 2019

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Parle market its products.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how Parle market its products.


AUDITORIUM
WELCOME
PARLE BISCUITS PVT. LTD. PANTNAGAR

Industrial Visit – 2019 – 20

Course - BBA & B.Com(H) Final year

Industry – Vista Cosmetics Baddi

Date/Month/Year – February 27th 2020

Objective of Visit –

1. Practical Exposure for students, to get a sink between theory and practice.
2. To know how Cosmetic market operates.

Outcomes of Visit –

1. Students were able to understand how theory is actually practiced.
2. Students were able to understand how cosmetic market works.


VISTTA
COSMETICS
NANDPUR TEH. BADDI, DISTT. SOLAN. (H.P.)


AAR KAY SHAWL INDUSTRIES
WELCOME
REDMI NOTE 8 PRO
AI QUAD CAMERA