



Dept. of Fire Tech. & Safety Engg.
INSTITUTE OF ENGINEERING & SCIENCE
IPS ACADEMY

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List of major project work of UG student batch 2014-2018

S. No.	Group of Students	Name of The Guide	Name of The Projects Undertaken
1	Akhilesh Patidar, Kapil Paraste, Mohit Malviya, Pranav Upadhyay, Ramashankar Yadav, Gourav Malviya, Akshay Rathore, Chetan Karwadiya, Kanishk Mimrot, Rahul Nagraj	Prof. N K Jain	Hazards of Fire and Explosion in Tyre Manufacturing Industry
2	Mayur Jain, Mohd Fareed Pathan, Akshat Kumar Jain, Akshay Jain, Akshay Patidar, Aman Porwal, Aminesh Patidar, Anand Pandey, Aniruddh Mishra, Ankita Mohapatra	Prof. Sandeep Yadav	Review and Analysis of Fire Vehicle Pump
3	Ankush Patidar, Manish Bisen, Arvind, Ashish Gupta, Aslam Hussain Sisgar, Atul Prajapat, Avinash Sahu, Avneet Kumar Singh Bisen, Awadhesh Mukati, Bhagya Shree Sharma	Prof. Parveen Patel	System Safety Assessment Based on Incidents Data in an Industry
4	Bhaves Nagpure, Dharmendra Prajapatti, Dhruv Singh Chandel, Dushyant Patidar, Gautam Patidar, Gyan Prakash Dharma, Himanshu Malviya, Hitesh Yadav, Jagdish Shende, Jay Parmar	Prof. R.M Choukse	Safety Performance Monitoring in a Manufacturing Unit
5	Jay Singh Manral, Jitendra Nishad, Kamlendra Singh Thakur, Kartik Jain, Ketan Sharma, Kuldeep Dhakad, Lalit Patidar, Lokesh Dongre, Manish Kumar Gupta, Mahesh Patidar	Prof. Veerendra Suryawanshi	Major Accident Assessment by Incident Data Analysis in Coal Mines
6	Abhinandan Panwar, Mahendra Singh Shaktawat, Abhishek Borasi, Archit Trivedi, Rishabh Jain, Sakshine Sharma,	Prof. Vineet Banodha	Preperation of Onsite Emergency Plan of Institute of Engineering & Science,IPS Academy.

	Rishabh Mishra, Mohammad Aquib		
7	Ankit Lot, Satyam Khare, Shubham Chnadan, Gaurav Kumar, Yash Jain, Vinil Luhadiya, Raj Verma, Pushpendra Bhardwaj, Rakesh Bharti	Prof. S.N. Verma	Investigation and Important Finding in the Nuclear accident of fukushima Japan
8	Subham Surana, Rajat Patwari, Ruchita Mandre, Prateek Sharma, Subham Verma, Vivek Soliya, Naveen Dhakad, Mohit Kumawat, Neeraj Tiwari, Nikhit Pawar	Prof. Abhishek Samwatsar	Design of Fire Protection System For Transformers of Different Capacities
9	Pradeep Kumar Uplawdiya, Pramod Birla, Sagar Patidar, Palkesh Verma, Parthamesh Pangare, Abhinay Chaubey, Pankaj Modi, Vikas Bhabor, Yaman Hirve, Yash Roshira	Prof. Yashwant Buke	A Comparative Study of Smoke Behavior and Its Management in Tall Building Structure with Recommendation to Smart Building
10	Sumit Trivedi, Shubham Tiwari, Roopam Jharbade, Rohan Patil, Lokesh Rajput, Rakesh Kumar, Sujoy Saha, Suyash Choukikar, Sagar Khandelwal	Prof. Manish Dubey	Computre Based Risk Assessment of Accident in Indian Oil and Gas Industries
11	Shivam Shukla, Shivam Gupta, Shubham Dagdi, Shyam Babu Dangi, Vivek Patel, Shubham Chauhan, Rohit Waghela, Dharmendra Lodha, Shivam Dubey, Manjot Singh	Prof. Vijay Sankul	A Focused Study on Testing, Examination and Maintainance of Forklift and EOTs Used in Factory
12	Shivam Marathe, Rahul Bansod, Vijesh Patidar, Vishnu Patidar, Rohit Singh Kacchawa, Prahlad Kumar Rai, Sushmit Dubey, Ganesh Patel, Mitesh Piplodiya	Prof. Nandan Jha	A Focused Study on Behavior of Load Bearing Structures of a Building at Elevated Temperature



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1	Arpit Soni, Aditya Sharma, Kamal Nagar, Vishal Kothare, Naman Chourasiya, Puneet Raj Jakheniya Aayush Chorey, Arvind Verma, Shubham Gour Shubham Jain	Prof. Praveen Patel	Impact Assessment of Fire and Explosion using Source and Dispersion Modeling
2	Aashish Kumar Gupta, Lakhan Bariya Kapil Bamniya Bhupendra Patidar Lucky Gupta, Hitesh Sitlani, Rohit Ginnare, Shiv Pal Singh Chouhan, Shrawan Tripathi Shubham Chaurasia	Prof. R.M. Choukse	Safety Review of the Steel Plant by Job Safety Analysis Method
3	Chetan Bhagvat, Mahesh Dangi, Devendra Singh Yadav, Piyush Raghuvani, Sanyam Jain, Abhas Nagariya, Rahul Singh Thakur Pranjal Gupta	Prof. N.K. Jain	Explosion Hazard and their Control Using Accident Model in Steel Industry
4	Piyush Sharma, Sandeep Singh, Narendra Gurjar, Vinod Yadav, Yogesh Yadav, Sourabh Ku. Patel, Sudhir Randhwa, Praful Kumar Chilhate Prakhhar Parekh	Prof. S N Varma	Review of Chernobyl Nuclear Disaster and its causes
5	Kapil Dubey, Govind Singh Rathore, Nilesh Gupta, Rupesh Jaiswal, Sachin Porwal, Sarthak Alya, Shivam Khedekar Vasudev Solanki	Prof. Sulochna Tiwari	Recommendations of Fire Protection and Safety Policies Using Gap Analysis in IMC
6	Lucky Kothari, Dipti Moondra, Anshul Salvi, Fateh Ku. Sonekar, Karishma Jaiswal, Jitendra Sharma, Mayur Mahajan, Avadhesh Porwal, Ashish Pareekh Kamlesh Verma	Prof. Rajiv Premi	Estimation of Heat Flux in Pool Fire Using Different Mathematical Models
7	Rachit Tiwari, Prachi Sharma, Vikram Patidar, Shivam Gupta, Amit Raghuvanshi, Vijay Kaushal, Vikas Mourya, Vishwas Rathi Shubham Doliya	Prof. Vineet Banodha	Assessment of Occupational Health & Safety in Fertilizer Industry
8	Prabhat Jain, Nikhil Verma, Uttkarsh Agrawal, Rahul Kumar, Paranjay Najan, Pranav Saket, Manish Solanki Mohd. Arshad Khan	Prof. Abhishek Samvatsar	Hazard Identification and Risk Assessment of an LNG Plant Using FMECA and HAZOP Integrated Methodology
9	Akshay Nagwadiya, Akshay Patidar Anand Kumawat, Anshul Kayast Ashwint Pawar	Prof. Sandeep Yadav	Strategies in noise Reduction Using Engineering Controls in Thermal Power Plant

10	Chitvan Vyas, Akash Patel, Kinshuk Sharma, Swapnil Kumare Jain Abhishek Boare, Gajendra Katkar, Piyush Pandey, Rajat Jaiswal Param Gupta	Prof. Veerendra Suryawanshi	Design and Development of Smart LPG Gas Stove For Automatic Flame Control and Gas Leakage Detection System
11	Taher Sandalwala, Sawan Patidar, Saurabh Kumar, Rahul Choukikar, Rahul Kumar, Rahul Patidar, Sohan Pawar, Sourabh Gehlot, Shubham Roy Umesh Ku.rathore	Prof. Manish Dubey	Hazop Study on Blow Out hazard in onshore Oil and Gas Industry
12	Abhijit Shrivastava, Ashish Dharva, Kunal Patidar Anuj Tiwari, Kaustubh Pawar, Narayan Patel, Narendra Tanwar, Nitin Sehrawat Palash Yenkar	Prof. Yashwant Buke	Design & Performance Analysis for Improving the Range of fire fighting water jet using flow conversion



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1	Pradumn Baheti, Shiv Kumar, Simona Jain, Sunil Waskel, Syed Faizan Ali, Vansh Khetrapal, Pankaj Narvariya, Prakash Singh Parihar, Nandkishore Patel, Akshay Rathore	Prof. Praveen Patel	Innovative Concept Over Traditional Fire Fighting: A Design and Performance Analysis of Motor Bike
2	Shivam Gupta, Vijay Shrivastava, Vishal Kawadkar, Satyendra Jain, Bhushan Dubey, Arun Varma	Prof. R.M. Choukse	Safety Review of Textile Industry
3	Abhimanyu Singh, Abhishek Jajaora, Ajay Patidar, Arpit Choudhary, Bhupendra Patidar, Deepak Singh Tomar, Dinesh Damle, Rohan Gupta, Vivek Pratap S. Tomar, Praful Devilalakar	Prof. N.K. Jain	Risk Assessment and Mitigation Measures in Solvent Extraction Plant
4	Pankaj Patidar, Parakh Sharma, Peetambar Saket, Vatsalya Gupta, Md Faisal, Neelotpal Neelot, Omkar Kumar, Dheerendra Garg, Anshul Behre, Dinesh Kumar Rathor	Prof. Manish Dubey	Structural Integrity During Fire Using Standard Methods of NFPA
5	Vivek Paliwal, Vivek Patidar, Sankalp Suhane, Shubham Tanwar, Ravi Gothi, Ratnesh Thawre, Ujjwal Jat	Prof. Rajiv Premi	Fire Explosion Modeling Using TNT-Equivalent Method In Bulk Storage of Hydrocarbon
6	Ashiwini Chouhan, Rahul Deo, Yash Kumar Yash, Ravindra Patidar, Dhan Singh Nagar, Sauhard Rawat, Shubham Mishra, Umang Pradhan, Sudhanshu Gangar, Atul Singh Rajput	Er. Vineet Banodha	HAZOP Analysis on Storage Facilities for Anhydrous Ammonia

7	Nishant Raghuwanshi, Kuldeep Khanna, Jitendra Singh Gour, Chetan Rayakwar, Naveen Jain, Akshay Dabi, Akhilesh Kumar, Chandra Kishore Pal, Sandeep Jharbade, Shantanu Das	Er. Abhishek Samvatsar	System Safety Assessment and Hazard Evaluation in Thermal Power Plant
8	Rahul Jagdev, Sourabh Katare, Tanmay Shrivastava, Prabal Kumar Shukla, Rahul Pawar, Yash Dagdi, Abhiti Patidar, Mohit Singh, Deepak Surage	Er. Veerendra Suryawanshi	Operational Safety Analysis in Thermal Power Plant
9	Tarun Gupta, Rohit Arse, Vipin Paliwal, Vivek Kumar Gedam, Pushkal Masani, Chandrakar Singh, Himanshu Ghunghrale	Er. Sandeep Yadav	System Failure Analysis in Construction Industry
10	Abhishek Kushwah, Aditya Sharma, Akash Deep Khanuja, Arpit Raghuwanshi, Aman Thakur, Devanshu Padia, Kushagra Thakur, Neeraj Kanungo, Mahendra Gurjar, Pallav Agrawal, Himanshu Maithil	Er. Kirti Vyas	Explosion Modeling in Bulk Storage of LPG
11	Rahul Kumar, Shadab, Prashant Kumar, Abhishek Kumar, Guddu Kumar, Arvind Kumar, Krishanakant Tripathi, Yashwant Kumar Mishra, Anurannaj Singh, Deepak Kumar	Er. Yashwant Buke	Design of Gaseous Total Flooding System
12	Chetan Moraniya, Rahul Yaduwanshi, Sandeep Lovenshi, Sidharth Nalkar, Sunil Dhurve, Vyankit Malviya, Pushparaj Patidar, Arpit Singh Thakur, Krishna Jatav, Nilesh Bansal	Er. Sulochna Tiwari	Electrical Risk Assessment in Chemical Process Plant



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1	Arihant Jain, Kshitij Jatale, Akhilesh Mishra, Anurag Mishra, Sarvesh Parmar, Ankesh Kumar, Abhay Ranjay, Prem Kumar, Sanchit Pandey, Ratnesh Gupta	Prof. N.K. Jain	“Safety In Storage & Transportation Of LPG”
2	Appil Ora, Hitesh Madan, Ayush Mangal, Vishal Sablaniya, Adhar Saxena, Harsh Vardhan, Subhahish Sharma, Rohit Agrawal, Abhishek Patidar, Sitaram	Prof. Rajiv Premi	“System Safety Analysis”
3	Anam Asad, Salman Khan, Harsh Shukla, Kamal Shukla, Anshul Dakwal, Utkarsh Khare, Rajat Kandedlwal, Jitendra Soni, Sachin Tiwari, Adil Waqar	Prof. Praveen Patel	“Toxic Release Modeling”
4	Vijay Verma, Parika Mahajan, Ajay Kumar Gupta, Bharat Singh Solanki, Atul Mathur, Vishal Rajoriya	Prof. R.M. Choukse	“Compilation Of Safety Manual In A Textile Industry”
5	Kunwar Deep Jaggi, Akash Pal, Aman Shukla, Rajendra Bilwad, Rahul Mewada	Er. Sandeep Yadav	“Risk Assessment In Cement Industry”
6	Siyaram Patidar, Ashvin Malviya, Anand Kumar, Rahul Agriwal, Aditya Singh, Manoj Waskel, Arpan Anand, Sagar Meen, Lakhan Singh, Yogendra Dangi	Er. Pankaj Solanki	“Heat Transfer Assessment In Bulk Storage Of Hydrocarbons”

7	Mohd. Mahtab Alam, Anjeet Kumar, Rajiv Kumar, Ajay Kumar, Sagar Singh, Kauslesh Patel	Er. Veerendra Suryawanshi	“Detection & Alarm System In Oil Industry”
8	Vipul Pandey, Pallav Kulkarni, Roushan Kumar, Jitendra Sharma, Virendra Patidar, Siddhant Jain, Rajkumar Parmar, Divya Gehlot, Charu Sharma, Utsav Verma, Kushank Dubey	Er. V.A. Jagadala Pradaban	“Evaluation of Risk Assessment In Gas & Oil Industry”
9	Sunil Paliya, Mahendra Alanse, Jay Kumar	Er. Vineet Banodha	“Aviation Safety”



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1	Aditya Bhardwaj, Bhupendra Nagariya, Ishan Kataria, Navdeep Sinha, Neeraj Babar, Sandeep Patidar, Sandeep Verma, Saurabh Tiwari, Sonu Patel	Prof. Praveen Patel	Water Base And Non Water Base Fixed Fire Fighting Installation
2	Deepanshu Jadhav, Himanshu Sune, Pushpendra Singh Baghel, Pushpendra Sharma, Varsha Solanki, Anurag Jha, Gaurav Anthony	Prof. Praveen Patel	Design Of Protective Measure In Bulk Storage Of Hazardous Material- A Proposed Working Model
3	Amarnath Bajpai, Deepak Kumawat, Nandita Patodi, Sakhi Jain, Vijeet Ved, Prashant Sharma, Arpit Purohit	Prof. R M Choukse	Storage And Handling Of Petroleum Products
4	Gourav Patidar, Pradeep Dwivedi, Saddam Ghosi, Sumit Thakre, Qaid Johar Rahi, Umesh Malviya, Aakash Parikh	Prof R M Choukse	Study Of Hazards And Their Control Measures In Heavy Earth Moving Machinery Manufacturing Plant
5	Sachin Raikwar, Samarth Patidar, Sandeep Pratap Singh, Yogesh Chouhan, Shivraj Singh Gurjar, Surendra Pathe, Varsha Wagh	Prof. N K Jain	Fire Prevention & Protection Facilities
6	Suhel Khan, Vishnu Pratap Singh, Praveen Patidar, Mayank Jain, Vikas Somkuwar, Vikram Singh, Neelabh Gupta	Prof N K Jain	Problem & Safety Measures Regarding Fire & Explosion In Solvent Extraction Plant

7	Abhishek Kumar, Arun Kumar, Deokant, Ankit Shivvedi, Sunny Singh, Mithlesh Kumar, Ravindra Kumar, Saurabh Pandey	Er. Jagdala Pradbhana	Hazard Identification & Risk Assessment
8	Ankit Khadikar, Rohan Pashine, Pankaj Gurjar, Kamlesh Paradkar, Yogesh Verma, Neeraj Lalwani, Umesh Varma, Vinaygupt Prakaulya	Er. Rajiv Premi	Safety Management System in Chemical Plant
9	Pramod Prajapat, Rakesh Dahare, Rakesh Bhalerao, Bhagwati Kushwah, Parmanand Dhakad , Saurabh Sharma	Er. Rajiv Premi	Fire Fighting Facilities In Petrochemical Industry



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List of major project work of UG student batch 2008-2012

S. No.	Group of Students	Name of The Guide	Name of The Projects Undertaken
1	Deepankush Maharishi, Avinash Singh, Nikhil Saxena, Deepika Sharma, Anjali Mewade, Brajesh Chachriya, Ravindra Verma, Ajay Kumar Dahare, Gajanand Patel, Pankaj Barange	Prof. R.M. Choukse	Hazard Identification & Risk Assessment
2	Akshay Pathak, Praveen Saraswat, Suraj Verma, Swatantra Bhati, Sachin Sahu, Manoj Dasoriya, Yogendra Singh Tomar, Shekhar Choudhary, Abhishek Sharma, Piyush Dubey	Prof. Praveen Patel	Study Of OISD Norms Related To Oil Refinery
3	Harshal Jain, Mustakim Khan, Mohammad Asif Khan, Mehdi Kamal, Krishna Kant Pawar, Ankur Bharat, Barun Kumar Singh, Sudeep Kumar, Vimal Lanjewar, Sanjay Kumar Parmar	Prof. N.K. Jain	Safety In Chemical Industry
4	Narendra Deo, Umang Asati, Ankush Mittal, Abhishek Singh, Ravi Kumar Mishra, Pradeep Singh Thakur, Sudeep Kumar, Babulal Choudhary, Ankit Sharma, Anorodhya Jh	Prof. Manish Dubey	Safety In Steel Industry
5	Anand Kumar, Rajneesh, Ajay Singh Chouhan, Digvijay Singh Parmar, Anmol Soni, Akash Pardeshi, Prakash Kumar Chandraul, Narendra Deo, Iqbal Singh Rathore, Vivek Dixit, Ashish Yadav	Prof. Praveen Patel	Hazard Analysis In Textile Industry

6	Muktesh Mukati, Sulabh Jain, Kunal Lambhate, Ankit Gupta, Mayank Dutt Mehta, Sumit Jaiswal, Anurag Verm, Deepak Kumavat, Deepak Rajora, Atiraj Maloo	Prof. R.M. Choukse	On-Site Emergency Plan
7	Yogendra Marothe, Yogesh Kanungo, Emeric Anthony, Sayyed Zeeshan, Vinamra Basiwar, Shreeram Sahni, Vivek Vishwakarma, Ravindra Kumar	Prof. Manish Dubey	Safety in Automobile Industry
8	Abhishek Rawat, Anand Krishna, Ghanshyam Patidar, Kuldeep Choudhary, Anand Krishna, Shoaib Ahmed, Pankaj Budhwani, Sumit Kumar Surat	Prof. N.K. Jain	Safety In Bulk Petroleum Oil Storage Tank