

PAPER NO	TITLE	Author
101	AN INVESTIGATION IN TO THE EFFECT OF INTRODUCTION OF FUZZY LOGIC IN FMEA AND FMECA	Manoj Kalathil, P.Haresh Kumar, V.R. Renjith
102	A RISK-BASED METHODOLOGY FOR MODELLING THE IMPACTS OF FIRE IN AN FLNG PROCESSING FACILITY	Til Baalisampanga, Rouzbeh Abbassia, Vikram Garaniyaa, Faisal Khana, Mohammad Dadashzadehb
103	DISPERSION MODELLING FOR FLAMMABLE GASES USING ALOHA AND CFD	Dibendu Nayar, Jithin P Soman, Surej Rajan C
104	FUZZY FAILURE MODE EFFECT CRITICALITY ANALYSIS (FUZZY FMECA) OF LNG REGASIFICATION PLANT.	P. Haresh Kumar, V.R. Renjith, Manoj Kalathil
105	PREVENTION OF DROPPED OBJECTS ON DRILLING RIGS	Dan Mangalam
106	PERFORMANCE EVALUATION OF FLY ASH AS LOW COST ADSORBENT FOR FLUORIDE REMOVAL	Bhavyalekshmi R, G Madhu
107	PRE ANALYSIS OF FIRE AND SMOKE PROPAGATION IN A MULTI-STORIED BUILDING BY USING FDS SOFTWARE	Sivi varghese, Mubasheer Ahammed V M, Arun E S
108	RISK ASSESSMENT OF LNG REGASIFICATION TERMINAL USING CASCADED FUZZY-LOPA	Samuel George, V.R Renjith
109	RECENT TRENDS, OPPURTUNITIES AND CHALLENGES IN THE CATHODIC PROTECTION OF OIL AND GAS PIPELINES	Tiju Baby ^{a,b} G. Madhu ^b V.R. Renjith ^b

110	PRE-FIRE PLAN OF AN OIL INSTALLATION AS PER NFPA 1620	Ashish Ranjan
111	PROJECT HSE PLANNING PROCESS IN KOC	Fahad Al-Qattan ¹ , Mario Angeles Santos ² , Pradeesh Kumar K.V. ³
112	FIRE PROTECTION ENGINEERING	GAURAV SUMAN
113	EFFECTIVENESS OF POSITIVE PRESSURE VENTILATION IN APARTMENT BUILDINGS	Anoop Warriar
114	DEVELOPMENT OF A SAFETY RATING SYSTEM AS A LEADING PERFORMANCE INDICATOR FOR MONITORING UNSAFE BEHAVIOUR OF PLANT PERSONNEL	Jaison Paul ^a , Manoj R ^a
115	HAZARD CHARACTERIZATION & CONTROL – METHODOLOGY FOR DESIGNING A PROACTIVE CAPACITY BUILDING SAFETY STRATEGY FOR DEFENCE R & D UNITS FOR ACHIEVING RISK MITIGATION AND ACCIDENT PREVENTION GOALS	ANISH GOPAL
116	SAFETY FOR 1M HYPERSONIC WIND TUNNEL	Sunilkumar, Amitava mandal Murugan
117	RISK ASSESSMENT OF GASEOUS HYDROGEN HANDLING IN CLOSED VESSEL EXPERIMENTS AT SUB-ATMOSPHERIC CONDITIONS	Sreeja Varma C R, Manoj R
118	STUDY ON A LOW PRESSURE TWIN FLUID WATER MIST FIRE SUPPRESSION SYSTEM	Ajaykumar NB , Nelson Davies Pallipuramb, Mohanraj , Manoj Rd
119	ACCIDENTS PREDICTION BY NEURO-FUZZY APPLICATION IN PROCESS INDUSTRIES	Shiju. A.S, G. Madhu,

		V. R. Renjith
120	HEAT TRANSPORT THROUGH LAYERS OF FIREFIGHTING SUITS UNDER HIGH TEMPERATURE	Ashique Sunilkumar Anandhu panicker Surej Rajan C
121	DUAL MODE FIRE FIGHTING ROBOT	Joel John George ^a Shaheen Ahmed ^a Priscilla Grace George ^b V. R. Renjith ^a
122	DEVELOPING AN EVENT TREE FOR SAFETY ANALYSIS OF MISFIRE HANDLING PROCEDURE IN HANDLING OF EXPLOSIVES	Pradeep Chandra Vimal
123	BEHAVIOUR BASED SAFETY APPROACH – ANALYSING BBS THEORY AND THE PRINCIPLES FOR COURSE CORRECTION IN THE INDIAN SCENARIO OF BBS PROGRAMME DESIGN AND IMPLEMENTATION.	Pradeep Chandra Vimal
124	DESIGN AND SIMULATION OF MODERN FIRE RESISTANT CONCRETE USING METALLIC POWDERS	Sivi varghese ¹ , Kevin Paul Alfred ² A J Jithin ² Amith K H ² Rahul Ralbin Francis ²
125	DESIGN OF PRE-ENGAGED FIRE EXTINGUISHING SYSTEM IN RUNWAYS	Hans J Moonjely ^a , Haris K J ^a , Vysakh V ^b
126	SAFETY CHALLENGES DURING INSTALLATION AND COMMISSIONING OF HIGH PRESSURE HIGH TEMPERATURE FACILITIES	Mohanraj R, Sreeja Varma C Ra, Manoj Rb
127	GROUND MOTION SIMULATION BASED ON FINITE ELEMENT ANALYSIS AT	Praveen Kunjumon ^a , Abhijith Sunil ^a ,

	KUDANKULAM NUCLEAR POWER PLANT	Naveen George ^a , Rahul M R ^a , Stephy James ^b
128	LIFE CYCLE ASSESSMENT OF MAJOR PETROLEUM PRODUCTS IN TRANSPORTATION SECTOR	Melsa Mathew G.Madhua
129	SAFETY STUDY OF AN LNG REGASIFICATION PLANT USING AN FMECA AND HAZOP INTEGRATED METHODOLOGY: A LITERATURE REVIEW	Jiji Vargeese
130	PAPER ON HAZARDS AT CONSTRUCTION SITES	Abhinandan Srivastava
131	RECYCLING OF POLYURETHANE FOAMS	Suresh Kumar A ^a , Remya Balakrishnan ^b Vibhu Unnikrishnan ^c , Monisha K ^d , Twinka Singhal ^e , Vijayakumar V C ^f
132	CARBON DIOXIDE MITIGATION USING PHOTOBIOREACTOR	Govind Mishra, Anurag
133	RISK ASSESSMENT OF OIL TANK USING FUZZY LOPA	Govind Mishra, Meenu Vijayan, Dr.V R Renjith
134	BEHAVIOUR-BASED SAFETY: AN OLD WINE IN A NEW BOTTLE	Ramesh V.M. Vani Lakshmi R.(1b)
135	DEVELOPMENT OF RADIATION SIMULATORS FOR EXPOSURE AND CONTAMINATION CASES	Dr. Bikram Singha, Sreejesh.Kb
136	SAFETY OF NATURAL GAS CROSS COUNTRY PIPELINE NETWORK, IN INDIAN CONTEXT.	Raufeek .M.H
137	LIGHTNING RISK ANALYSIS FOR SELECTING MAJOR PROTECTION MEASURES OF STRUCTURES HAVING RISK OF EXPLOSION ACCORDING TO IEC 62305-2 EDITION 2: 2010-12.	Pratapaditya Thakur, Deepankush Maharishi

138	SAFETY DESIGN FOR OIL TERMINAL	Adarsh vs ^a , KP Nandhu Pramod ^a , Naveen G ^b , Ajith Kumar v ^c
139	COMPARATIVE STUDY OF THE EFFECTS OF POLYMERIC RESIN AS FLOCCULENT ON THE REMOVAL OF SUSPENDED, COLLOIDAL AND DISSOLVED PARTICLES FROM ELECTROPLATING FACILITY WASTEWATER	Rohit Kumar Gautam ^a , Vignesh R ^a , Jayakrishnan B ^b , Manoj R ^a , Dr. Rene George ^b
140	RISK ANALYSIS FOR THE TRANSPORTATION OF HAZARDOUS CHEMICALS IN KERALA	ADARSH VS ^a , KP NANDHU PRAMOD ^a , SUREJ RAJAN ^b
141	BEHAVIOUR ANALYSIS OF FIRE AND SMOKE PROPAGATION IN A MAJOR HAZARD INDUSTRIAL BUILDING STRUCTURES BY USING FDS SOFTWARE	Sivi varghese ¹ , Harikrishnan M ² , Nihal Muhammed M.A, Vyshak Mammen ²
142	REVIEW: FIRE AND GAS DETECTION AND CONTROL IN THE PROCESS INDUSTRY.	Adarsh vs, ^a Sreekul warrier, ^a KP Nandhu Pramod
143	WORLD CLASS SMART SHE MANAGER	Dr. PMC Nair
144	RISK ASSESSMENT OF LNG IMPORTATION TERMINAL USING BAYESIAN LOPA METHODOLOGY.	Adarsh VS KP Nandu Pramod Ajith Kumar. V
145	CONSEQUENCE ASSESSMENT OF AMMONIA LEAK USING ANSYS FLUENT / ALOHA SOFTWARE	Nandu V Namboothiri Soman AR

146	CFD ANALYSIS TO DETERMINE THE HYDRODYNAMIC COEFFICIENT OF THE REMOTELY OPERATED UNDER WATER VEHICLE.	Uma shankar VG P.J. Joshy D Sathia Narayana
147	A STUDY ON FACTORS INFLUENCING PRESENTATION AMONG WELDERS EMPLOYED IN FABRICATION INDUSTRY	Mahesa Rengaraj. R Dr. M. N. Vinod Kumar
148	RISK ASSESSMENT AND CALCULATION OF SAFE EXPOSURE DOSE FOR CHEMICAL TOXICANTS: A CASE STUDY WITH TOLUNE DI ISO CYANATE	Rohit Kumar Gautam Vignesh R Ajaykumar NB Manoj R
149	UPGRADING LAYER OF PROTECTION ANALYSIS BY THE APPLICATION OF BAYESIAN LOGIC	Avinash Anil
150	PREDICTORS OF RISKY DRIVING OF POWERED TWO WHEELER RIDERS OF KERALA	Thajudeen Hassan, Vinodkumar M.N
151	SAFETY MANAGEMENT IN PROPELLANT MIXING AREA-VERTICAL MIXER EXPERIENCE	Vinay Paliwal, Sreerag M N, Saji T Viswanathan LM, Subendulal K, Sojan P, C R Thomas
152	MUSCULOSKELETAL DISORDERS DUE TO WHOLE BODY VIBRATION AMONG HEAVY VEHICLE DRIVERS	Rajesh Kumar R Vinodkumar M.N
153	RESIDENTIAL SOLAR PV SYSTEMS – A REVIEW OF SAFETY HAZARDS AND RISK	Vinod V Nair*, Dr.Usha Nair, Dr.Babu C.A

154	EFFICIENT ADSORPTIVE REMOVAL OF CR(VI) USING TIO ₂ - FLY ASH NANOCOMPOSITE	Sreekanth ¹ , Lilabhai T.S ² , Madhu G ³
155	SYNTHESIS AND CHARACTERIZATION OF CHEMICALLY TREATED FLY ASH -TIO ₂ NANOCOMPOSITE FOR MULTI POLLUTANTS ADSORPTION OF WASTE WATER	Lila bhai.T.S ¹ , Madhu .G ²
156	NOVEL APPROACH ON ESTIMATION OF CONSEQUENCE BASED ON TNT EQUIVALENCE FOR REJECTED PROPELLANT MOTOR DISPOSAL	Azad Hussain. Ja, Jaison Paula, Manoj. Ra
157	DYNAMICS OF FATE AND TRANSPORT OF TOXIC CHEMICALS IN THE FOOD CHAIN	Rohit Kumar Gautam ^a , Manoj R ^a
159	RESIDENTIAL SOLAR PV SYSTEMS – A REVIEW OF SAFETY HAZARDS AND RISK	Vinod V Nair, Dr.Usha Nair, Dr.Babu C.A
160	Engineering intervention for reducing API dust Concentration in Pharmaceutical Unit Operations	Vivek K A ^{1*} , Manikandan H ²