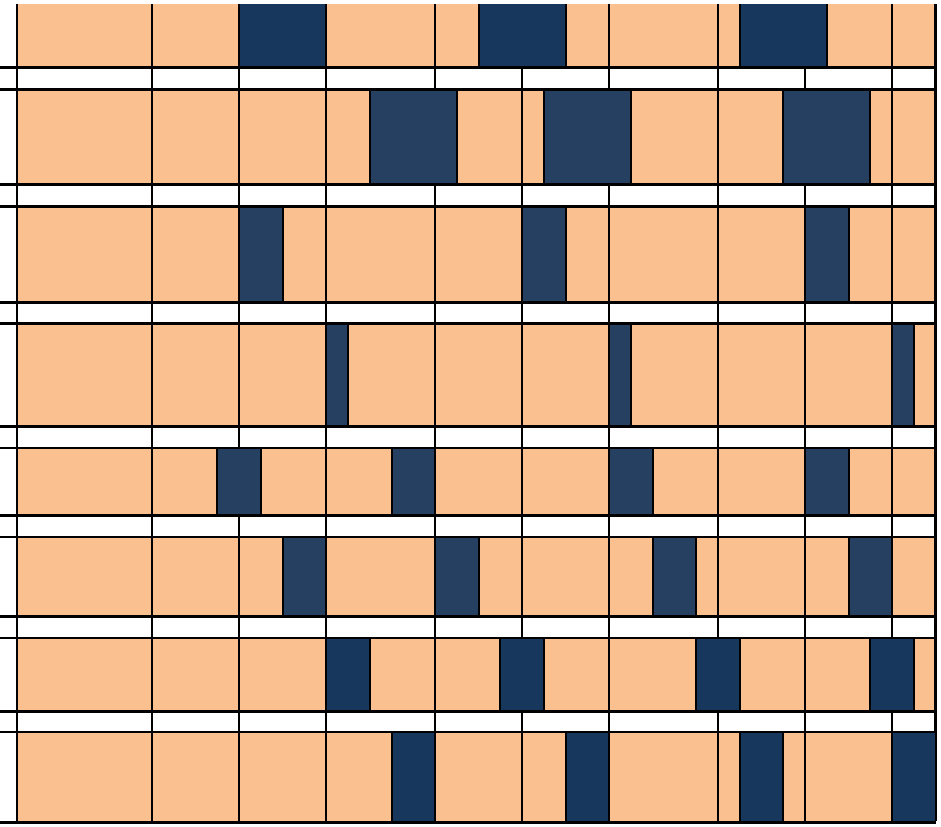
2010 TRAINING SCHEDULE

S/NO	COURSE TITLE	INSTRUCTOR	NO OF DAYS	DURATION	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					WEEK OF YEAR 10 11 12 13	14 15 16 17	18 19 20 21	22 23 24 25 26	27 28 29 30	31 32 33 34	35 36 37 38 39	40 41 42 43	44 45 46 47	48 49
A	**BASIC HEALTH SAFETY AND ENVIRONMENT**													
1	BASICS OF ENVIRONMENT		1	1 WEEK										
2	BASICS OF HEALTH		1											
2	BASICS OF SAFETY		1											
3	BASICS OF HSE MANAGEMENT		2											
B	**ADVANCED HEALTH SAFETY AND ENVIRONMENT**													
1	APPLIED ENVIRONMENT		1	2 WEEKS										
2	APPLIED HEALTH		1											
3	APPLIED SAFETY		1											
4	APPLIED HSE MANAGEMENT		2											
5	RISK BASED PROCESS SAFETY MANAGEMENT		2											
6	CONTRACTOR SAFETY MANAGEMENT		1											
7	THE "BRILLIANT" HSE PROFESSIONAL		2											
8	RISK BASED AUDITING		2											
9	ENVIRONMENTAL IMPACT ASSESSMENT AND COMMUNITY RELATIONS		2											
C	**BASIC MUD ENGINEERING**													
1	INTRODUCTION TO ROTARY DRILLING, FUNCTIONS/TESTING, COMPOSITION/PROPERTIES, ENGINEERING CALCULATIONS		6	4 WEEKS										
2	RHEOLOGY/HYDRAULICS, FILTRATION, CLAY CHEMISTRY, POLYMER TECHNOLOGY, ENGINEERING CALCULATIONS		6											
3	FORMULATION/TESTING, CONTAMINANTS, MUD SYSTEMS, SOLIDS ANALYSIS/CONTROL, COMPLETION FLUIDS		6											
4	HOLE PROBLEMS, PRESSURE CONTROL, INTRODUCTION TO DEEPWATER FLUIDS/OPERATIONS, MUD REPORTING/WELL RECAPS		6											
D	**ADVANCED MUD ENGINEERING**													
1	PRESSURE CONTROL, HYDRAULICS/HOLE CLEANING, DRILLING PROBLEMS, CONTROLLING FLUID PROPERTIES/FORMATION DAMAGE, DRILLING FLUID TYPES/SELECTION, FLUIDS MANAGEMENT - LOGISTICAL SUITABILITY		6	2 WEEKS										
2	DRILLING FLUID TREND ANALYSIS AND REPORT EVALUATION, DEEPWATER FLUID OPERATIONS, WELL PLANNING - RISK ASSESSMENT, TRANSITION-DRILLING TO COMPLETION, DISPLACEMENT CHEMICALS & PROCEDURES		6											
E	**SOLIDS CONTROL & WASTE MANAGEMENT**													
1	INTRODUCTION TO MUD SYSTEMS, SOLIDS SEPARATION AND DISCHARGE ANALYSIS, RETENTION ON CUTTINGS, SCE SYSTEMS ARRANGEMENT		6	2 WEEKS										
2	INTRODUCTION TO ENVIRONMENTAL MANAGEMENT SYSTEMS, TECHNIQUES FOR WASTE STREAM MINIMIZATION & PROCESSESS, ENVIRONMENTAL REGULATIONS, SOLIDS CONTROL EQUIPMENT TROUBLE-SHOOTING AND MAINTENANCE,		6											
F	**BASIC WELL ENGINEERING**													
1	INTRODUCTION TO WELL ENGINEERING, BASIC DRILLING & COMPLETIONS FUNDAMENTALS, HSE		6	4 WEEKS										
2	PRELIMINARY WELL DESIGN, RIG SELECTION, PROGRAMMING AND DRILLING THE WELL, DRILLING ECONOMICS, EVALUATING AND COMPLETING THE WELL		6											
3	FORMATION PRESSURES, DRILLING AND COMPLETION FLUIDS, CEMENTING OPERATIONS AND FLUIDS, HOLE PROBLEMS		6											
4	DRILLING PRACTICES, PRACTICAL DRILLING SKILLS, PRESSURE CONTROL		6											
G	**ADVANCED WELL ENGINEEERING**													
1	STRING DESIGN AND OPTIMIZATION, WELL DESIGN AND PLANNING, DRILLING CONTRACTS, MANAGING WELLSITE OPERATIONS		6	2 WEEKS										
2	ADVANCED DRILLING TECHNIQUES, DEEPWATER OPERATIONS, WELL CONTROL,		6											
H	**WELL CONTROL**													
1	IWCF (INTERNATIONAL - IFP)		5	1 WEEK										
J	**DIRECTIONAL DRILLING**													
1	TBA		6											

2	TBA		6	4 WEEKS	
3	TBA		6		
4	TBA		6		
K	**FISHING OPERATIONS**				
1	INTRODUCTION TO FISHING, FUNDAMENTALS OF FISHING		6	4 WEEKS	
2	BASICS OF PIPE RECOVERY, ADVANCED FISHING TECHNIQUES		6		
3	QA/QC PROCEURES AND STANDARDS, FISHING TOOLS - REPAIRS AND SERVICING		6		
4	WELL CONTROL		6		
L	**MUD LOGGING**				
1	HYDROCARBONS - PETROLEUM COMPOSITION AND EVALUATION		2	2 WEEKS	
2	PERSONNEL RESPONIBILITIES, SURFACE LOGGING SYSTEMS		3		
3	SAMPLING AND CUTTINGS ANALYSIS, DRILLING FLUIDS		4		
4	INTERPRETATION CONSIDERATIONS - GAS SOURCES, DETECTOR TYPE, FACTORS INFLUENCING QUANTITY AND COMPOSITION OF GAS		3		
M	**ADVANCED MUD LOGGING**				
1	HYDROCARBONS ANALYSIS - DEFINITIONS AND LOG INTERPRETATION, HYDROCARBON RATIO ANALYSIS, FLUORESCENCE TECHNIQUES, INTENSITY, CORRELATION, ADVANTAGES AND LIMITATIONS		3	1 WEEK	
2	APLLICATIONS / CASE STUDIES - RESERVOIR FLUID TYPE, DETERMINATION OF GAS, OIL AND WATER CONTACT, WIRELINE LOGS, HORZONTAL WELLS AND GEOSTEERING, FLOOD BANK IDENTIFICATION, FRACTURE INDICATOR		3		
N	**RIG HANDS TRAINING - BASIC (FOR ROUSEABOUT, FLOORMEN)**				
1	SAFETY ON THE RIG, LIFE OFFSHORE, PAINTING, SPRAYING AND SANDBLASTING OPERATIONS, INTRODUCTION TO OILWELL DRILLING AND SERVICING, ARITHMETIC FOR RIG PERSONNEL-1		6	2 WEEKS	
2	THE ROTARY RIG AND COMPONENTS, ARITHMETIC FOR TIG PERSONNEL-2		6		
O	**RIG HANDS TRAINING - ADVANCED (FOR DERRICKMEN, PUMPMEN)**				
1	ROTARY, KELLY, TOP DRIVE, SYSTEMS, MAKING HOLE-1, THE DRILL STRING, DRILLING FLUIDS, MUD PUMPS AND CONDITIONING EQUIPMENT, ARITHMETIC FOR RIG PERSONNEL-3		6	2 WEEKS	
2	DRAWWORKS AND THE COMPOUND, THE BLOCK AND DRILLING LINE, ARITHMETIC FOR RIG PERSONNEL-4, MAKING HOLE-2, AUXILLIARIES		6		
P	**WATERWELL DRILLING -1**				
1	INDUSTRY OVERVIEW AND REGULATIONS, SAFETY, BASIC TOOLS AND SKILLS, ENGINES AND SUPPORT SYSTEMS		6	2 WEEKS	
2	HYDRAULICS, WELDING, STANDARDS AND REGULATIONS, WELL DRILLING SYSTEMS, GROUND WATER GEOLOGY		6		
Q	**WATERWELL DRILLING-2**				
1	WELL CONSTRUCTION AND DESIGN, WELL PUMPING SYSTEMS, EXPLORATION FOR GROUND WATER AND FLOW		6	2 WEEKS	
2	WELL DEVELOPMENT AND MAINTENENANCE, QAULITY ASPECTS OF GROUND WATER, WELL DRILLING RECORDS AND SPECIFICATIONS, GROUND WATER MONITORING, BOREHOLE RECLAMATION		6