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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
Kakinada-533003, Andhra Pradesh (India)

Projects/Internship/Field visits

AY: 2021-22

Program Code	Program Name	Projects		Internships		Field visits	
		No of projects	Total no. of students	No. of Internships	Total no. of students	No. of Field visits	Total no. of students
021A27	B. Tech Petroleum Engg.	46	50	50	50	0	0

  
Coordinator

  
HOD  
Dept. of Petroleum Engineering &  
Petrochemical Engineering, UCEK (A)  
J.N.T. University Kakinada  
Kakinada - 533 003 - A.P India

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
Kakinada-533003, Andhra Pradesh (India)

Projects

Program Code: 021A27

Program Name: B.Tech – Petroleum Engineering

Year 2021-22

S.No	Student name	Project Title	Guide Name	Dates (Duration)	Organization Location
1	Guttula Pavani	Oil Recovery by Polymer Flooding : Effect Technical Parameters	Prof.K.V.Rao/ Ms.K.BabyJyothsna	2021-22	Dept of PE &PCE, JNTUK, Kakinada
2	YarlagaddaJithendraSivaKumar	ReservoirCharacterizationusingSeismicInversiondata	ShriG.J. RajBob GeneralManager(Rtd.),GP-W, ONGC,EOAKakinada	2021-22	Dept of PE &PCE, JNTUK, Kakinada
3	GujjuvadaVikash	EnhancedHydrocarbonRecoveryinTightandShaleReservoirs	Prof.K.V.Rao/ Ms.K.BabyJyothsna	2021-22	Dept of PE &PCE, JNTUK, Kakinada
4	TavvaSharmilaShree	OilRecoverybyWaterFlooding:EffectofTechnicalParameters	Prof.K.V.Rao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
5	KondamuriMargasiddiReenaMithra	ApplicationofFoamModellingTechniquetoPetroleumDrilling	ShriS.SwarnaRaju	2021-22	Dept of PE &PCE, JNTUK,

					Kakinada
6	VallelaSivaBhargavi	AnalysisofDeclineCurveModelsforUnconventionalWells	Mr.P.AnilKumar	2021-22	Dept of PE &PCE, JNTUK, Kakinada
7	YanduriSaiKalyan	StudiesofInfluencingParametersforShaleGasReservoirPerformance	Dr.Sk.LiyakhathAhmed	2021-22	Dept of PE &PCE, JNTUK, Kakinada
8	DammalaSridevi	MagneticGradientDrilling	ShriS.SwarnaRaju	2021-22	Dept of PE &PCE, JNTUK, Kakinada
9	JerripothulaJoshuaManohar	TechnicalEvaluationofManagedDrillingMethods	ShriS.SwarnaRaju	2021-22	Dept of PE &PCE, JNTUK, Kakinada
10	ChunduriPhaneendra	EnhancedOilRecoveryinTightRocksusingtheSlotDrillCompletion	ShriS. K.S. Charyulu	2021-22	Dept of PE &PCE, JNTUK, Kakinada
11	KudipudiNandaPrakash	DynamicCharacterizationofanHPHTReservoirusing4DSeismicData	Dr.K.SrinivasaRao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
12	PammiKranthiKumar	EstimationofReservesforCoalbedMethaneReservoirs	Prof.K.V.Rao/Mr.A.Ramesh	2021-22	Dept of PE &PCE, JNTUK, Kakinada
13	GummadiShobhita	PowerGenerationfromWasteHeatduringOilProduction	Dr.RatnaSrinathRaoB	2021-22	Dept of PE &PCE, JNTUK, Kakinada
14	KummariVinaykumar	WellTestAnalysisofShaleGasWells	Prof.K.V.Rao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
15	KandiboinaSairagaDeepthi	NumericalSimulationsforWellboreStabilityinDrillingandCompletions	ShriS.SwarnaRaju	2021-22	Dept of PE &PCE, JNTUK, Kakinada
16				2021-22	Dept of PE

	BathulaDevaSuresh	DesignofWell CompletionsforHPH TWells	ShriS. K.S. Charyulu		&PCE, JNTUK, Kakinada
17	AmarapalliHarshini SivaSai	DevelopmentofanIntegratedModelforProductionofMarginalOil Fields	ShriS. K.S. Charyulu	2021-22	Dept of PE &PCE, JNTUK, Kakinada
18	NukapeyiApoorva Sanjana	Reservoir Property Prediction from Well-Logs, VSP and 2DMulticomponent Seismic Data	Dr.K.SrinivasaRao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
19	LaudyaPriyanka	PotentialUtilizationsofNeutronLoggingforCasingCementEvaluation	ShriG.J. RajBob	2021-22	Dept of PE &PCE, JNTUK, Kakinada
20	AvidiAmruthavalli	WellLogInterpretationand3DReservoirPropertyModelling-CaseStudies	ShriG.J. RajBob	2021-22	Dept of PE &PCE, JNTUK, Kakinada
21	PujalaVenkatesh Sudharshan	Estimation of Petro-physical data for AssessingHydrocarbonPotential in OilFields	Dr.K.SrinivasaRao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
22	NutakkiSaiVasanth	AGasWellPerformanceusingNodalAnalysis	Prof.K.V.Rao/Mr.A.Ramesh	2021-22	Dept of PE &PCE, JNTUK, Kakinada
23	NemalaHemaDurgaMaheswari	A comprehensive Review on Screening and CharacterizationofSuitableAcidsforSandstoneMatrixacidizing	ShriM.KishoreKumar	2021-22	Dept of PE &PCE, JNTUK, Kakinada
24	KalyaniNukala	Data Analysis of Low Salinity Water Flooding to EnhancetheOil Recoveryin SandstoneReservoirs	Prof.K.V.Rao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
25	SulthanImranNaze	WaterConingControlDesignMetricsforVerticalandHorizontalWells	ShriM.KishoreKumar	2021-22	Dept of PE &PCE, JNTUK,

	er				Kakinada
26	Tatapudi Raja	Modelling of Pipe Friction and Smeared Effect in Drilling Operations	Shri S. Swarna Raju	2021-22	Dept of PE & PCE, JNTUK, Kakinada
27	Tompala Pragnya	Simulation of Enhanced Coalbed Methane Recovery	Ms. V. Sowjanya	2021-22	Dept of PE & PCE, JNTUK, Kakinada
28	Vantakula Gowtham Naidu	Well Testing Analysis of Unconventional Gas Reservoirs	Ms. V. Sowjanya	2021-22	Dept of PE & PCE, JNTUK, Kakinada
29	Tatiparthi Manikanta	High Pressure High Temperature (HPHT) Well Drilling	Shri S. K. S. Charyulu	2021-22	Dept of PE & PCE, JNTUK, Kakinada
30	Yenimireddy Srikanth Reddy	Water Drive Gas Reservoir: Modelling, Simulation and Sensitivity Analysis	Prof. K. V. Rao	2021-22	Dept of PE & PCE, JNTUK, Kakinada
31	Chittipothula Nithin	Drilling Fluids for HPHT Wells	Dr. K. Srinivasa Rao	2021-22	Dept of PE & PCE, JNTUK, Kakinada
32	Mediseti Naveen Kumar Raja	Study on Petro-physical and Geomechanical Properties of Petroleum Formations in KGBasin	Dr. K. Srinivasa Rao	2021-22	Dept of PE & PCE, JNTUK, Kakinada
33	Kadari Jwalitha Pra deep	Development of Decline Curves for Gas Condensate Reservoirs	Mr. P. Anil Kumar	2021-22	Dept of PE & PCE, JNTUK, Kakinada
34	Mohammed Juhi Sultana	Static Stability and Dynamic Behaviour of Tension Leg Platforms	Dr. Seeram Madhuri, Assistant Professor, Department of Civil Engineering, NIT Jamshedpur	2021-22	Dept of PE & PCE, JNTUK, Kakinada
35	Nandamuri Vijetha	Prediction of Hydrate Forming Conditions for Natural Gases Containin	Prof. K. V. Rao	2021-22	Dept of PE & PCE, JNTUK,

		gHigh Content CO <sub>2</sub> andH <sub>2</sub> S.			Kakinada
36	VvnsrkssnSTEjaVa sabattula	Unsteady State Performance of Water Drive GasReservoirs	Prof.K.V.Rao	2021-22	Dept of PE &PCE, JNTUK, Kakinada
37	KundrapuSreeniva s	CO <sub>2</sub> MiscibleFloodingforEnhance dOilRecovery	Dr.RatnaSrinathRaoB	2021-22	Dept of PE &PCE, JNTUK, Kakinada
38	BavisettiHariSivaK rishna	3DSeismicDataInterpretationofP etroleumFormations- CaseStudies	ShriG.J. RajBob	2021-22	Dept of PE &PCE, JNTUK, Kakinada
39	RevuVinayKumar	EnhancedOilRecovery(EOR)byS martWaterinCarbonateReservoir s	Ms. V. Sowjanya	2021-22	Dept of PE &PCE, JNTUK, Kakinada
40	KotaMohanKrishn a	DevelopmentofNewCorrelationsf orOilFormationVolumeFactors	Mr.P.AnilKumar	2021-22	Dept of PE &PCE, JNTUK, Kakinada
41	VEGI SAI DURGA MADHURI	WATER BASED DRILLING FLUIDS FOR DEEP WATER HPHT WELLS	Shri S.SWARNA RAJU		
42	DuggisettyPoojitha	StudiesofMatrixAcidizingTreatme ntsusingSkinMonitoringMethod: CaseStudies	ShriM.KishoreKumar	2021-22	Dept of PE &PCE, JNTUK, Kakinada
43	KethaVennelalswa rya	DesignandSimulationofaFloating LNGPlant	Ms. V. Sowjanya	2021-22	Dept of PE &PCE, JNTUK, Kakinada
44	G HEMA SAI KRISHNA	GAS WELL OPTIMIZATION USING PRODUCTION PERFROMANCE MODELS	Mr.P.Anil Kumar		
45	MASINEEDI MANESH	EVALUATION OF TWO PHASE IPR CORRELATIONS FOR VERTICAL AND HORIZONTAL WEELS	Prof.K.V.Rao		

46	Chinthapalli jaswanth neeraj	Production system optimization for submersible pump lifted wells case studies	Dr.Sk.Liyakhath Ahmed		
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Cordinator

  
Head  
**HOD/Academic Advisor**  
Petrochemical Engineering, UCEK (A)  
J.N.T.University Kakinada  
Kakinada - 533 003 A.P India

  
**REGISTRAR**  
J.N.T. University Kakinada  
Kakinada-533003

**OIL RECOVERY BY POLYMER FLOODING:  
EFFECT OF TECHNICAL PARAMETERS**

*A project report submitted in partial fulfilment for the award of degree of  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING*

By

**GUTTULA PAVANI**

**18021A2701**

664

*Under the esteemed Guidance of*

**Prof. K. V. RAO**

Academic Advisor, Petroleum Courses

**Mrs. K. BABY JYOTHSNA**

Assistant Professor



**DEPARTMENT OF PETROLEUM ENGINEERING AND**

**PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA-533003**

**2022**

**REGISTRAR**

**J.N.T. University Kakinada  
Kakinada-533003**



“RESERVOIR CHARACTERISATION USING SEISMIC  
INVERSION DATA”

665

*A project report submitted in partial fulfillment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**YARLAGADA JITHENDRA SIVA KUMAR**

**(18021A2702)**

*Under the guidance and supervision of*

**Dr.D. LINGA RAJU**

**Former Head of the Department**

**Dept of PE & PCE**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

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**KAKINADA-533003**

**2022**

*Registrar*  
**REGISTRAR**

**J.N.T. University Kakinada**

**ENHANCED HYDROCARBON RECOVERY IN TIGHT AND SHALE  
RESERVOIRS**

*A project report submitted in partial fulfilment for the award of the degree of*

**BACHELOR OF TECHNOLOGY**

**IN**

**PETROLEUM ENGINEERING**

*By*

**G. VIKAS**

**(18021A2703)**

666

*Under the Guidance and Supervision of*

**Prof. K. V. Rao**

**Mrs. K. Baby Jyotsna,**

**Academic advisor, Petroleum courses.**

**Assistant professor**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003  
2022**

  
**REGISTRAR**  
J.N.T. University, Kakinada

**OIL RECOVERY BY WATER FLOODING: EFFECT OF  
TECHNICAL PARAMETERS**

*A project report submitted in partial fulfilment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

**By**

667

**TAVVA SHARMILA SHREE**

**(18021A2704)**

*Under the Guidance and Supervision of*

**Prof. K.V. Rao**

**Academic Advisor, Petroleum Courses**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

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**KAKINADA-533003**

**2022**

*Signature*  
**REGISTRAR**

# APPLICATION OF FOAM MODELLING TECHNIQUE IN PETROLEUM DRILLING

668

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*By*

**K.M. REENA MITHRA**

**(18021A2705)**

*Under the esteemed Guidance and Supervision of*

**Shri S. SWARNA RAJU,**

**General Manager (Production)**

**ONGC, EOA**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

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KAKINADA-533003**

**2022**

  
**REGISTRAR**  
J.N.T. University Kakinada  
Kakinada-533003

**ANALYSIS OF DECLINE CURVE MODELS FOR  
UNCONVENTIONAL WELLS**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

669

By

**VALLELA SIVA BHARGAVI**

**18021A2706**

*Under the esteemed Guidance of*

**Mr. P. ANIL KUMAR**

**Assistant Professor**

**Department of Petroleum Engineering and Petrochemical Engineering  
UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
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**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2018-2022**

**STUDIES OF INFLUENCING PARAMETERS FOR SHALE GAS  
RESERVOIR PERFORMANCE**

670

*A Project report submitted in partial fulfillment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**YANDURI SAI KALYAN**

**18021A2707**

Under the guidance and supervision of

**Dr. SK. LIYAKHATH AHMED**

Assistant professor (C)



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA – 533003**

**2022**

*Yanduri Sai Kalyan*  
**REGISTRAR**

Project Report

# MAGNETIC GRADIENT DRILLING

*A project report submitted in partial fulfillment for the award of degree of*  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING

671

By

**DAMMALA SRIDEVI**

**18021A2708**

*Under the guidance and supervision of*

**Mr. S. SWARNARAJU**

**GM (PRODUCTION)**

**ONGC-EOA**

**KAKINADA, ANDHRA PRADESH**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
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**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

**KAKINADA- 533003**

**2018-2022**

672  
"TECHNICAL EVALUATION OF MANAGED DRILLING  
METHODS"

*A project report submitted in partial fulfillment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM  
ENGINEERING**

By

**JERIPOTHULA JOSHUA MANOHAR**

**(18021A2711)**

*Under the guidance and supervision of*

**Shri S. SWARNA RAJU**

**General Manager (Production)**

**ONGC, EOA**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

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**KAKINADA-533003**

**2022**

  
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J.N.T. University Kakinada  
Kakinada-533003



Project Report

# ENHANCED OIL RECOVERY IN TIGHT ROCKS USING SLOT DRILL COMPLETION

623

*A project report submitted in partial fulfillment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**CHUNDURI PHANEENDRA**

**18021A2712**

*Under the guidance and supervision of*

**S. K. S. CHARYULU**

**Academic Advisor**

**Department of Petroleum Engineering  
and Petrochemical Engineering  
UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA  
(A) JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY KAKINADA- 533003**

**2018-2022**

  
**REGISTRAR**  
**J.N.T. University Kakinada**  
**Kakinada-533003**

674

**DYNAMIC CHARACTERIZATION OF AN HPHT  
RESEVOIR USING 4D SESIMIC DATA**

*A project report submitted in partial fulfillment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*By*

**KUDIPUDI NANDA PRAKASH**

**18021A2713**

*Under the guidance and supervision of*

**Dr. K. SRINIVASA RAO**

**Assistant Professor**

**DEPARTMENT OF PETROLEUM AND PETROCHEMICAL ENGINEERING  
UCEK (A), JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

**2018-2022**

ESTIMATION OF RESERVES FOR COALBED METHANE  
RESERVOIRS

675

*A Project report submitted in partial fulfillment for the award of degree of*  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING

By

PAMMI KRANTHI KUMAR

18021A2714

*Under the guidance and supervision of*

Prof. K. V. RAO

Academic advisor, Petroleum courses

Mr. A. RAMESH

Assistant Professor



DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA – 533003

2022

  
REGISTRAR  
J.N.T. University Kakinada

676  
**POWER GENERATION FROM WASTE HEAT DURING OIL  
PRODUCTION**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**GUMMADI SHOBHITA**

**(18021A2715)**

*Under the esteemed Guidance and Supervision of*

**Dr. B. RATNA SRINATH RAO**

**Assistant Professor**

**Department of Petroleum Engineering &**

**Petrochemical Engineering**

**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA -533003**

**2022**

  
REGISTRAR  
J.N.T. University Kakinada

# WELL TEST ANALYSIS OF SHALE GAS WELLS

672

*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**KUMMARI VINAYKUMAR**

(18021A2716)

*Under the Guidance and Supervision of*

**Prof. K.V.RAO**

Academic Advisor, Petroleum Courses



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA-533003**

**2022**

678

# NUMERICAL SIMULATIONS FOR WELLBORE STABILITY IN DRILLING AND COMPLETIONS

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**KANDIBOINA SAI RAGA DEEPTHI**  
(18021A271B)

*Under the Guidance and Supervision of*

**Mr. SIMMITI SWARNA RAJU,**  
General Manager (Production),  
ONGC, EOA



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533003**

**2022**

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada - 533003

629

**DESIGN OF WELL COMPLETION FOR HPHT WELLS**  
*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**BATHULA DEVA SURESH**

**(18021A2719)**

**Sri. S. K. S. CHARYULU**

Academic Advisor

Department of Petroleum Engineering and

Petrochemical Engineering

UCEK (A) JNTUK



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

2022

  
REGISTRAR  
J.N.T. University Kakinada

680

**DEVELOPMENT OF INTEGRATED MODEL FOR  
PRODUCTION OF MARGINAL OIL FIELDS**

*A Project report submitted in partial fulfillment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM  
ENGINEERING**

By

**AMARAPALLI HARSHINI SIVA SAI**  
(18021A2721)

*Under the Guidance and Supervision of*

**Sri. S. K. S. Charyulu**  
**Executive Director (Retd.), ONGC**  
**& Academic Advisor (Petroleum Courses)**



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**  
**KAKINADA**

**2022**

  
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681

**RESERVOIR PROPERTY PREDICTION FROM WELL LOGS VSP  
AND 2D SEISMIC DATA**

*A project report submitted in partial fulfilment for the award of the degree of  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING*

By

**NUKAPEYI APOORVA SANJANA**

(18021A2722)

*Under the Guidance and Supervision of*

**Dr. K. SRINIVASA RAO,**

**Assistant Professor**

**Department of Petroleum Engineering and Petrochemical Engineering**

**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A) JAWAHARLAL  
NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA KAKINADA-533003**

2022

  
REGISTRAR

# Potential utilizations of Neutron logging for casing cement evaluation

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**LAUDYA PRIYANKA**

(18021A2723)

*Under the Guidance and supervision of*

**Shri G. J. Raj Bob**

**General Manager (Rtd.), GP – W ONGC, EOA Kakinada**



**DEPARTMENT OF PETROLEUM ENGINEERING & PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2018-2022**

**Well Log Interpretation and 3D Reservoir Property Modeling -  
Case Studies**

*A Project report submitted in partial fulfillment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**AVIDI AMRUTHAVALLI**

(18021A2724)

683

*Under the Guidance and Supervision of*

**Shri. G. J. Raj Bob**

*General Manager (Rtd.), GP-W*

*ONGC, EOA KAKINADA.*



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA 533003**

**2022**

  
REGISTRAR  
J.N.T. University Kakinada

**SKILL DEVELOPMENT PROGRAMME FOR  
PETROLEUM ENGINEERING**  
*(In Lieu of Summer Internship Programme)*

*A report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY**

**IN  
PETROLEUM ENGINEERING**

By  
**PUJALA VENKHATESH SUDHARSHAN**  
**(18021A2725)**

684

**B. Tech Petroleum Engineering**  
**(2018 – 2022)**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA**

**2022**

# A GAS WELL PERFORMANCE USING NODAL ANALYSIS

*A project report submitted in partial fulfilment for the award of the degree*

*of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

**By**

**NUTAKKI SAI VASANTH**

**(18021A2726)**

685

*Under esteemed guidance and supervision of*

**Prof. K. V. RAO**

Academic Advisor, Petroleum Courses

**Mr. A. RAMESH**

Assistant Professor



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA- 533003**

**2022**

  
**REGISTRAR**  
**J.N.T. University Kakinada**

**A COMPREHENSIVE REVIEW ON SCREENING AND  
CHARACTERIZATION OF SUITABLE ACIDS FOR SANDSTONE  
MATRIX ACIDIZING**

*Project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By  
**NEMALA HEMA DURGA MAHESWARI**  
(18021A2727)

686

*Under the Guidance and Supervision of*

**Shri M. Kishore Kumar**

**Chief Engineer (Production)**

**ONGC, Kakinada**

**Department of Petroleum Engineering and Petrochemical Engineering**

**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING**

**AND PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2022**

  
**REGISTRAR**

**DATA ANALYSIS OF LOW SALINITY WATER LOADING  
TO ENHANCE THE OIL RECOVERY IN SANDSTONE  
RESERVOIRS**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By  
**KALYANI NUKALA** 687  
**(18021A2728)**

*Under the Guidance and Supervision of*  
**PROF.K.V. RAO,**  
Academic Advisor, Petroleum Courses



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533003**

2022

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada - 533003

# **WATER CONING CONTROL DESIGN METRICS IN VERTICAL AND HORIZONTAL WELLS**

*A project report submitted in partial fulfilment for the award of degree of  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING*

By

SULTHAN IMRAN NAZEER

688

(18021A2730)

*Under the Guidance and Supervision of*

Shri M. KISHORE KUMAR

CHIEF ENGINEER (PRODUCTION), ONGCKAKINADA



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA KAKINADA-533003**

2022

  
REGISTRAR  
J.N.T. University Kakinada



# MODELING OF PIPEFRICTION AND SMEAR EFFECT IN DRILLING OPERATIONS

*A project report submitted in partial fulfilment for the award of the degree of*  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING

By  
TATAPUDI RAJA

(18021A2731)

*Under the esteemed Guidance and Supervision of*

Shri S. Swarna Raju,  
General Manager (Production)

ONGC, EOA

Department of Petroleum Engineering and Petrochemical Engineering  
UCEK (A) JNTUK



DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003

2022

  
REGISTRAR

J.N.T. University Kakinada

# **SIMULATION OF ENHANCED COALBED METHANE RECOVERY**

*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**TOMPALA PRAGNYA**

**(18021A2732)**

620

*Under the esteemed Guidance and supervision of*

**Ms. P. VARSHA**

**Assistant Professor(C)**

**Department of Petroleum Engineering and**

**Petrochemical Engineering**

**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND**

**PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA-533003**

**2022**

  
**REGISTRAR**  
J.N.T. University Kakinada

**WELL TESTING ANALYSIS OF UNCONVENTIONAL GAS  
RESERVOIRS**

*A project report submitted in partial fulfilment for the award of the  
degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**VANTAKULA GOWTHAM NAIDU**

691

**(18021A2733)**

*Under esteemed guidance and supervision of*

**Mr. V. SREE HARSHA**

**Assistant professor (C)**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA- 533003**

**2022**

**HIGH PRESSURE HIGH TEMPERATURE WELL DRILLING**

*A Project report submitted in partial fulfilment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM  
ENGINEERING**

**By**

**TATIPARTHI MANIKANTA**

**18021A2735**

692

*Under the Guidance and Supervision of*

**Shri S. K. S. CHARYULU**

**Academic Advisor**

**Department of Petroleum Engineering**

**and Petrochemical Engineering**

**UCEK(A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA**

**KAKINADA – 533003, A.P., INDIA**

**2018-2022**

*Signature*  
**REGISTRAR**

**WATER DRIVE GAS RESERVOIR: MODELLING, SIMULATION  
AND SENSITIVITY ANALYSIS**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*By*

**YENIMIREDDY SRIKANTH REDDY**

(18021A2736)

*Under the Guidance and Supervision of*

**Prof. K. V. Rao**

Academic advisor, Petroleum courses



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA-533003**

**2022**

  
REGISTRAR

J.N.T. University Kakinada

**DRILLING FLUIDS FOR HIGH PRESSURE AND HIGH  
TEMPERATURE WELLS**

*A Project report submitted in partial fulfillment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**CHITTIPOTHULA NITHIN**

(18021A2737)

*Under the Guidance and Supervision of*

**Dr. K.SRINIVASA RAO**

Assistant professor

Department of Petroleum Engineering and Petrochemical Engineering  
UCEK (A) JNTUK



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

**KAKINADA-533003**

**2022**

REGISTRAR

J.N.T. University Kakinada

**STUDY ON PETRO-PHYSICAL AND GEO-MECHANICAL  
PROPERTIES OF PETROLEUM FORMATIONS IN KG BASIN**

*A project report submitted in partial fulfillment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**MEDISETTI NAVEEN KUMAR RAJA**

695

(18021A2738)

*Under the guidance and supervision of*

**Dr. K. SRINIVASA RAO**

**Assistant Professor**

**Department of Petroleum Engineering and Petrochemical Engineering**

**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA -533003**

**2022**

*Handwritten signature*  
**REGISTRAR**

J.N.T. University Kakinada

**DEVELOPMENT OF DECLINE CURVES FOR  
GAS CONDENSATE RESERVOIRS**

*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**KADARI JWALITHA PRADEEP**  
(18021A2739)

696

*Under the Guidance and supervision of*

**Mr. P. ANIL KUMAR**  
Assistant Professor



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003  
2018-2022**

  
REGISTRAR

J.N.T. University Kakinada



**STATIC STABILITY OF TENSION LEG PLATFORMS**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**MOHAMMED JUHI SULTANA**

**18021A2740**

697

*Under the esteemed Guidance and supervision of*

**Dr. Seeram Madhuri**

**Assistant Professor**

**Department of Civil Engineering**

**NIT Jamshedpur**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2018-2022**

**REGISTRAR**

**J.N.T. University Kakinada**

**STUDIES ON POLYNOMIAL MODELS TO PREDICT HYDRATE  
FORMING CONDITIONS OF NATURAL GASES**

*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By  
**NANDAMURI VIJETHA**  
(18021A2741)

*Under the Guidance and supervision of*  
**Prof. K.V.RAO**  
Academic advisor, Petroleum courses



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A) JAWAHARLAL  
NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA – 533003**

2022

**UNSTEADY-STATE PERFORMANCE OF WATER DRIVE**

**GAS RESERVOIRS**

*A project report submitted partial fulfilment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**VVNSRKSSN S TEJA, VASABATTULA**

**(18021A2742)**

*Under the Guidance and Supervision of*

**Prof. K. V. Rao**

**Academic advisor, Petroleum courses.**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**2022**

  
REGISTRAR

J.N.T. University Kakinada  
Kakinada-533003

**CO<sub>2</sub> MISCIBLE FLOODING FOR ENHANCED OIL  
RECOVERY**

*A project report submitted in partial fulfilment for the award of degree of*

**BACHELOR OF TECHNOLOGY**

**IN**

**PETROLEUM ENGINEERING**

**By**

**KUNDRAPU SREENIVAS**

**(19025A2743)**

700

*Under the Guidance and Supervision of*

**Dr. Ratna Srinath Rao B.**

**Assistant professor**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2022**

REGISTRAR

**J.N.T. University Kakinada**

**"3D SEISMIC SURVEY INTERPRETATION OF PETROLEUM  
FORMATIONS-CASE STUDIES"**

*A project report submitted in partial fulfilment for the award of degree of  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING*

**By**

**BAVISETTI HARI SIVA KRISHNA**

**(19025A2745)**

*Under the Guidance and Supervision of*

**Dr. D. LINGARAJU**

**Former Head of the Department**

**Dept. of PE & PCE**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA - 533003**

**2022**

REGISTRAR

J.N.T. University Kakinada  
Kakinada - 533003

**Enhanced Oil Recovery (EOR) by Smart Water in Carbonate Reservoirs**

*A project report submitted in partial fulfilment for the award of degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**Revu.Vinay kumar**

**(19025A2746)**

702

*Under the guidance and supervision of*

**Mr. V. Sreeharsha**

Assistant professor (C)

JNTUK, KAKINADA



**DEPARTMENT OF PETROLEUM ENGINEERING &  
PETROCHEMICAL ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA –**

**533003**

**2022**

  
REGISTRAR

J.N.T. University Kakinada

**DEVELOPMENT OF NEW CORRELATION FOR OIL  
FORMATION VOLUME FACTOR**

*A project report submitted in partial fulfilment for the award of the degree of  
BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING*

By

**KOTA MOHAN KRISHNA**  
(19025A2749)

703

*Under the esteemed supervision of*

**Mr. P. ANIL KUMAR**  
Assistant Professor



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003  
2018-2022**

# **WATER BASED DRILLING FLUIDS FOR DEEP WATER HPHT WELLS**

*A project report submitted in partial fulfilment for the award of degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*By*

**VEGI SAI DURGA MADHURI**

**(18025A2651)**

*Under the guidance and supervision of*

**Shri S. SWARNA RAJU**

**GENERAL MANAGER (Production), EOA, ONGC**

**KAKINADA**



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

**KAKINADA – 533003**

**2021**

  
**REGISTRAR**  
**J.N.T. University Kakinada**



**STUDIES OF MATRIX ACIDIZING TREATMENTS USING SKIN  
MONITORING METHOD - CASE STUDIES**

*A Project report submitted in partial fulfilment for the award of the degree of*

**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*by*

**DUGGISETTY POOJITHA**

**(19025A2752)**

705

*Under the Guidance and Supervision of*

**Shri M. Kishore Kumar,**

**CHIEF ENGINEER (PRODUCTION)**

**ONGC, KAKINADA**



**DEPARTMENT OF PETROLEUM ENGINEERING AND PETROCHEMICAL  
ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A) JAWAHARLAL  
NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2022**

  
REGISTRAR  
J.N.T. University Kakinada

# DESIGN AND SIMULATION OF FLOATING LNG PLANT

*A project report submitted in  
partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

*By*  
**K. VENNELA ISWARYA**  
(19025A2753)

706

*Under the Guidance and Supervision of*

**Mr. D. Jaswanth Roy**  
Assistant professor (c)  
Department of Petroleum Engineering and Petrochemical Engineering  
UCEK (A) JNTUK



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA,  
KAKINADA-533003**

2022

  
**REGISTRAR**

**GAS WELL OPTIMIZATION USING PRODUCTION  
PERFORMANCE MODELS**

*A project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**G. HEMA SAI KRISHNA**  
(18025A2654)

707

*Under the esteemed Guidance and Supervision of*

**Mr. P. ANIL KUMAR,**  
Assistant Professor (C)

**Department of Petroleum Engineering and Petrochemical Engineering**  
**UCEK (A) JNTUK**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

**2017-2021**

  
REGISTRAR

**EVALUATION OF TWO-PHASE IPR CORRELATIONS FOR  
VERTICAL AND HORIZONTAL WELLS**

*A thesis submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY IN PETROLEUM ENGINEERING**

By

**MASINEEDI MANESH**

(18025A2655)

*Under the Guidance and Supervision of*

**Prof. K.V. Rao**

**Academic Advisor, Petroleum Courses**



**DEPARTMENT OF PETROLEUM ENGINEERING & PETROCHEMICAL  
ENGINEERING**

**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003**

2021

**PRODUCTION SYSTEM OPTIMIZATION FOR SUBMERSIBLE  
PUMP LIFTED WELLS- CASE STUDIES**

*A Project report submitted in partial fulfilment for the award of the degree of*  
**BACHELOR OF TECHNOLOGY**  
**IN**  
**PETROLEUM ENGINEERING**

709

**By**  
**CHINTHAPALLI JASWANTH NEERAJ**  
**(18025A2658)**  
*Under the Guidance of*  
**Dr. Sk. Liyakhath Ahmed**  
**Assistant Professor (C)**  
**Dept. of Petroleum Engineering & Petrochemical Engineering**  
**UCEK(A), JNTUK Kakinada**



**DEPARTMENT OF PETROLEUM ENGINEERING AND  
PETROCHEMICAL ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA (A)**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA**  
**KAKINADA-533003**

**2017 – 2021**

  
**REGISTRAR**  
**J.N.T. University Kakinada**