



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada
Vidutnagar, KAKINADA - 533 003. (A.P.)

Mobile : 9848179610, 80085 64954 Ph : +0884 - 2363345

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

Dr. T. Srikanth, B.E., M.Tech., Ph.D.

Principal

Academic Annual Report

A.Y:2020-21

1. Certificate Programs

1. A two-week Certificate Program on “Python Programming” from 28.09.2020 to 14.10.2020, organized by ECE Department.
2. A two-week Certificate Program on “Cyber Security” from 05.10.2020 to 17.10.2020, organized by CSE Department.
3. A two-week Certificate Program on “Comparative analysis and design of Structures through STAAD PRO and ETABS” from 17.10.2020 to 21.10.2020, organized by CE Department.
4. A two-week Certificate Program on “Recent trends in power electronics converters and real time control” from 07.10.2020 to 19.10.2020, organized by EEE Department.
5. A two-week Certificate Program on “Artificial Neural Network” from 08.02.21 to 20.02.21, organized by Computer Engineering Department.
6. A two-week Certificate Program on “Machine learning using Python” from 08.02.2021 to 23.02.2021 organized by ECE Department.
7. A two-week Certificate Program on “IoT and Intelligent techniques for electrical engineering” from 15.02.2021 to 27.02.2021 organized by EEE Department.
8. A two-week Certificate Program on “Construction Safety and Management” from 15.02.2021 to 01.03.2021 organized by Civil Engineering Department.
9. A two-week Certificate Program on “Recent trends in IC Engines“ from 08.03.2021 to 23.03.2021 organized by Mechanical Engineering Department.

2. Organized Seminars/ Workshops

1. A workshop on “Intellectual Property Rights” on 26.11.2021 organized by CSE Department.
2. A Workshop on “Professional Ethics & Human Values” on 18.12.2021, organized by EEE Department.

Sponsored by

GOVERNING BODY OF IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

Ph : 0884-2384382

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in



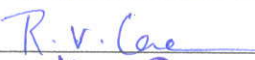


3. List of MOUS

S. No	Name of the institution/ industry/ corporate house with whom MOU is signed	Duration	Actual activities under each MOU
1	MANVIITHA ENGINEERING SERVICES	1 YEAR	INTERNSHIP, TRAINING, EDUCATION, PLACEMENT, INDUSTRIAL VISIT, EXPERT LECTURE
2	ZANE CONSULTANTS	1 YEAR	INTERNSHIP, INDUSTRIAL VISITS, PROJECTS
3	SRI SURYA ASSOCIATES	1 YEAR	PERMIT VISIT SITE, EXPERT LECTURES, EMPLOYMENT
4	NEXT GENERATION ENGINEERS	1 YEAR	SKILL DEVELOPMENT PROGRAMS, TRAININGS, INTERNSHIP, WORKSHOPS, FDP
5	KELLA ELECTRICAL WIDING WORKS	1 YEAR	INTERNSHIP, TECHNICAL SEMINARS, GUEST LECTURES, TRAINING, FDP, INDUSTRIAL VISIT
6	CIORA SOLUTIONS PVT LTD	1 YEAR	QUALITY EDUCATION, INTERNSHIP, JOB
7	PACE COMPUTER EDUCATION	1 YEAR	TRAINING, INTERNSHIPS, PROJECT WORK, RESEARCH SUPPORT
8	PRAGATHI ENGINEERING COLLEGE	1 YEAR	GUEST LECTURES
9	GLOBAL e-SMART TECHNOLOGIES	1 YEAR	TRAININGS, INTERNSHIPS, WORKSHOPS, PLACEMENT
10	PROCORP TECHNOLOGIES	1 YEAR	SKILL BASED TRAINING, EDUCATION, RESEARCH

4. Extension Programs

1. Martyrs Remembrance Day organized on 30.01.2020 by N.S.S Unit (IIT-K).
2. Yoga Day Celebrations on 21.06.2021 by NSS Unit.
3. International Women's Day Celebrations on 08.03.2021 by N.S.S Unit.
4. Blood Donation Camp through Rotary Blood Camp on 20.12.2020 by N.S.S Unit.
5. Blood Camp through Indian Red Cross Society on 05.03.2021 by N.S.S Unit.
6. Blood Donation Camp through Rotary Blood Bank on 22.03.2021 organized by N.S.S Unit.
7. VAN MAHOTSAV from 01.07.2021 to 07.07.2021 organized by N.S.S. Unit.
8. Awareness program on Kidney Day on 10.03.2021 organized by N.S.S Unit.

5. Result Analysis

S. No	Branch	No. of Students registered	No. of students passed	Pass %	Sign of HOD
1	CE	56	53	94.6	
2	EEE	33	16	48.4	
3	ME	67	56	83.5	
4	ECE	73	65	89.0	
5	CSE	67	65	97.0	

6. Organized Faculty Development Programs

1. A One Week FDP on Recent Advancements in Concrete Technology from 12.10.2020 to 16.10.2020 by CE Department.
2. A One Week FDP on Power Economics and Energy Management from 09.11.2020 to 14.11.2020 by EEE Department.
3. A One Week FDP on Professional Development for Quality Online Teaching from 04.01.2021 to 09.01.2021 organized by CSE Department.
4. A One Week FDP on Data Science from 04.01.2021 to 09.01.2021 organized by ECE Department.
5. A One Week FDP on Smart Grid and Renewable Energy Integration from 08.02.2021 to 13.02.2021 organized by EEE Department.
6. A One Week FDP on “Electronic Waste Management” from 22.02.2021 to 26.02.2021 organized by CE Department.
7. A One Week FDP on “HRD in Everchanging Global Environment” from 08.03.2021 to 13.03.2021 by H&BS Department.

7. Faculty Attended Professional Development Program

1. Mrs. R. Gani Lakshmi attended FDP on “Python web application framework using FLASK and DJANGO” from 01.06.2020 to 06.06.2020.
2. Mrs. M. Jayasree attended One Week FDP on Python web application framework using FLASK and DJANGO” from 01.06.2020 to 06.06.2020.

3. Mr. K. Sai Babu attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
4. Mrs. M. Sireesha attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
5. Mr. N. Rahul Khanna attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
6. Dr. K. Srihari Varma attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
7. Dr. CH. V. V. Satyanarayana Murthy attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
8. Ms. V. S. G. Iswarya attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal
9. Mrs. P. S. Surya Kumari attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
10. Mrs. A. Kanakam attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
11. Mr. D. P. S. Kiran attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal
12. Mrs. S. Indira Spandana attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal

13. Mrs. M. Bhagya Lakshmi attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal
14. Mrs. K. Ram Sunitha attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
15. Mr. Ch.Raju attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
16. Ms. M. Geetha Sri attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
17. Ms. D. Ramya attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
18. Mr. M. Vara Prasad attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
19. Mr. G.Ravi Kumar attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
20. Mr. V. K. A. S. Krishnan attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal..
21. Mr. R. S. V. V. Prasad Rao attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
22. Mrs. J. L. Prathyusha attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.

23. Mrs. D. Vijaya Lakshmi attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
24. Mr. P. S. J. Sreeram attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
25. Mrs. S. Jyothirmayee attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
26. Mr. BH. V. S. R. K. Ayyappa Kumar attended One Week FDP on “ Role of teachers in quality enhancement & accreditation” from 05.06.2020 to 11.06.2020 at Santhiram Engineering College, Nandyal.
27. Mrs.P. Radhika Krupalini attended One Week FDP “Data Science and its Real Time Applications “ from 08.06.2020 to 14.06.2020 at Auxilium College, Vellore.
28. Mr.V. S. R. K. A. Kumar Bhagavathula attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
29. Mr. N. Rajesh Babu attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
30. Mr. B. Venkata Kalyan Ram attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
31. Mr. D. Madhu attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
32. Mr. M. Jagadeesh attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
33. Mr. A. Ramesh attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.

34. Mr. K. L. Narasimha Murthy attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
35. Ms. R. Vijaya Lakshmi attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
36. Mr. G. Kiran Kumar attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.
37. Mrs. D. Lalitha Kumari attended One Week FDP “ARDUINO based Low cost Data Acquisition System using Scilab “ from 08.06.2020 to 13.06.2020 at Pragati Engineering College.

8. Placements

The total number of students selected in the academic year 2020-2021: **210**

S. No	Name of the company	Number of students selected				
		CE	EEE	ME	ECE	CSE
1	BYJU'S	-	-	1	-	-
2	TCS	-	-	-	3	2
3	ACCENTURE	-	-	-	27	26
4	INTELLIPAT	-	-	1	-	-
5	TVARANA	-	-	-	1	1
6	MERKLE SOKRATI	-	-	-	1	-
7	IBM	-	-	-	2	2
8	INFOSYS	-	-	1	3	4
9	CAPEGEMINI	-	-	-	4	-
10	WIPRO	-	-	-	2	4
11	MEDITAB	-	-	-	-	1
12	LIU GONG	-	-	1	-	-
13	BUREAU VERITAS	-	-	-	5	1

14	MINDTREE	-	-	-	-	1
15	VISHAL BEARINGS	-	-	4	-	-
16	WOOSU	-	2	8	-	-
17	SAVANTIS	3	2	4	6	11
18	ONEGENE	4	-	12	-	-
19	FOXCONN	4	-	5	-	-
20	HBL	-	5	15	-	-
21	HGS	8	1	8	13	1
TOTAL		19	10	60	67	54

9. Publications

S. No	Name of the Author	Title of the Paper	Name of the Journal
1.	RAMYA DANDUMENU	STUDIES ON THE QUALITIES OF M30 AND M40 CONCRETE GRADES' STRENGTH AND DURABILITY BY SUBSTITUTING COPPER SLAG FOR SOME OF THE FINE	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
2.	SRINIVAS ANGADI	STUDIES ON THE QUALITIES OF M30 AND M40 CONCRETE GRADES' STRENGTH AND DURABILITY BY SUBSTITUTING COPPER SLAG FOR SOME OF THE FINE	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
3.	M.TARAKA RAMESH NAIDU	STUDIES ON THE QUALITIES OF M30 AND M40 CONCRETE GRADES' STRENGTH AND DURABILITY BY SUBSTITUTING COPPER	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP

		SLAG FOR SOME OF THE FINE	
4.	S.JYOTHIRMAYEE	COMPARITIVE ANALYSIS OF LUNG DISEASE DETECTION USING DEEP LEARNING MODELS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
5.	M.JAYASREE	COMPARITIVE ANALYSIS OF LUNG DISEASE DETECTION USING DEEP LEARNING MODELS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
6.	M.S.R.S.PRASAD	COMPARITIVE ANALYSIS OF LUNG DISEASE DETECTION USING DEEP LEARNING MODELS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
7.	MORTHA VARAPRASAD	MULTIPLE INSTANCE LEARNING FOR AUTOMATIC CONTENT-BASED CLASSIFICATION OF SPEECH AUDIO	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
8.	VENKATA KALYANRAM BHARTHIPUDI	MULTIPLE INSTANCE LEARNING FOR AUTOMATIC CONTENT-BASED CLASSIFICATION OF SPEECH AUDIO	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
9.	RAJESH BABU NEMANI	MULTIPLE INSTANCE LEARNING FOR AUTOMATIC CONTENT-BASED CLASSIFICATION OF SPEECH AUDIO	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
10.	P.S.SURYA KUMARI	THE OSTEOGENIC POTENTIAL OF TITANIUM DIOXIDE NANOPARTICLES OF DIFFERENT SIZES AND SHAPES	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
11.	S.G.ISWARYA VUPPULURI	THE OSTEOGENIC POTENTIAL OF TITANIUM DIOXIDE NANOPARTICLES OF DIFFERENT SIZES AND SHAPES	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP

12.	N.RAHUL KHANNA	THE IMPORTANCE OF TEACHING SOFT SKILLS TO ENGINEERING STUDENTS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
13.	DR.GANGAVARAPU SUREKHA	THE IMPORTANCE OF TEACHING SOFT SKILLS TO ENGINEERING STUDENTS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
14.	S.DIVYA	A NEW APPROACH TO RANKING USING GENERALIZED TRAPEZOIDAL FUZZY NUMBERS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
15.	K.GEETHIKA	A NEW APPROACH TO RANKING USING GENERALIZED TRAPEZOIDAL FUZZY NUMBERS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
16.	A.KANAKAM	A NEW APPROACH TO RANKING USING GENERALIZED TRAPEZOIDAL FUZZY NUMBERS	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
17.	R.VIJAYA LAKSHMI	SYSTEM OF ELECTROMAGNETIC BRAKING	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
18.	J.L.PRATHYUSHA	SYSTEM OF ELECTROMAGNETIC BRAKING	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
19.	G.RAVI KUMAR	SYSTEM OF ELECTROMAGNETIC BRAKING	JOURNAL OF MANAGEMENT & ENTREPRENEURS HIP
20.	V TARANGA DIVIJA KALYANI	THE LAYOUT INTEGRATION OF SPORTS PARK CONSTRUCTION BASED ON THE CONCEPT OF ECOLOGICAL CIVILIZATION	JOURNAL OF THE ORIENTAL INSTITUTE
21.	M TARAKA RAMESH NAIDU	THE LAYOUT INTEGRATION OF SPORTS PARK CONSTRUCTION BASED ON THE CONCEPT OF	JOURNAL OF THE ORIENTAL INSTITUTE

		ECOLOGICAL CIVILIZATION	
22.	REUV KIRANKUMAR	THE LAYOUT INTEGRATION OF SPORTS PARK CONSTRUCTION BASED ON THE CONCEPT OF ECOLOGICAL CIVILIZATION	JOURNAL OF THE ORIENTAL INSTITUTE
23.	SIVA KRISHNAN VURAKARANAM	COLOUR EDGE DETECTION USING INTENSITY AND CHROMATIC DIFFERENCES IN COMBINATION	JOURNAL OF THE ORIENTAL INSTITUTE
24.	DAKOJU VIJAYA LAKSHMI	COLOUR EDGE DETECTION USING INTENSITY AND CHROMATIC DIFFERENCES IN COMBINATION	JOURNAL OF THE ORIENTAL INSTITUTE
25.	RAJESH BABU NEMANI	COLOUR EDGE DETECTION USING INTENSITY AND CHROMATIC DIFFERENCES IN COMBINATION	JOURNAL OF THE ORIENTAL INSTITUTE
26.	DR.K.SRIHARI VARMA	AS AN ADSORBENT FOR WATER PURIFICATION TECHNOLOGIES IN THE FORM OF NANOMATERIALS, POLYMERS AND GREEN MATERIALS	JOURNAL OF THE ORIENTAL INSTITUTE
27.	DR.CH.V.V.SATYANARA YANA MURTHY	AS AN ADSORBENT FOR WATER PURIFICATION TECHNOLOGIES IN THE FORM OF NANOMATERIALS, POLYMERS AND GREEN MATERIALS	JOURNAL OF THE ORIENTAL INSTITUTE
28.	K.GEETHIKA	MULTIOBJECTIVE TRANSPORTATION PROBLEM USING FUZZY DECISION VARIABLE THROUGH MULTI-CHOICE PROGRAMMING	JOURNAL OF THE ORIENTAL INSTITUTE

29.	A.KANAKAM	MULTIOBJECTIVE TRANSPORTATION PROBLEM USING FUZZY DECISION VARIABLE THROUGH MULTI- CHOICE PROGRAMMING	JOURNAL OF THE ORIENTAL INSTITUTE
30.	S.DIVYA	MULTIOBJECTIVE TRANSPORTATION PROBLEM USING FUZZY DECISION VARIABLE THROUGH MULTI- CHOICE PROGRAMMING	JOURNAL OF THE ORIENTAL INSTITUTE
31.	P.S.V.S.S.R.KRISHNA	A STUDY ON FLY ASH CORE SANDWICHED COMPOSITE MATERIAL FLEXURE BEHAVIOR AND COMPRESSIVE STRENGTH	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
32.	CH.RAJU	A STUDY ON FLY ASH CORE SANDWICHED COMPOSITE MATERIAL FLEXURE BEHAVIOR AND COMPRESSIVE STRENGTH	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
33.	G.RAVI KUMAR	A STUDY ON FLY ASH CORE SANDWICHED COMPOSITE MATERIAL FLEXURE BEHAVIOR AND COMPRESSIVE STRENGTH	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
34.	VENKATA KALYANRAM BHARTHIPUDI	USE OF A MEAN CONVOLUTION MASS FILTER TO REDUCE MANGO FRUIT NOISINESS (MCMF)	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
35.	MORTHA VARAPRASAD	USE OF A MEAN CONVOLUTION MASS FILTER TO REDUCE MANGO FRUIT NOISINESS (MCMF)	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
36	DAKOJA VIKAYA LAKSHMI	USE OF A MEAN CONVOLUTION MASS FILTER TO REDUCE MANGO FRUIT	JOURNAL OF EDUCATION: RABINDRA BHARATI

		NOISINESS (MCMF)	UNIVERSITY
37.	RAMESH ADIGARLA	AN ADJUSTABLE-SPEED PFC BRIDGELESS BUCK- BOOST CONVERTER-FED BLDC MOTOR DRIVE	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
38.	M.JAGADEESH	AN ADJUSTABLE-SPEED PFC BRIDGELESS BUCK- BOOST CONVERTER-FED BLDC MOTOR DRIVE	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
39.	D.MADHU	AN ADJUSTABLE-SPEED PFC BRIDGELESS BUCK- BOOST CONVERTER-FED BLDC MOTOR DRIVE	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
40.	REVVU KIRANKUMAR	DYNAMIC IDENTIFICATION OF AN EARLY 20TH CENTURY CIVIL ARCHITECTURAL BUILDING	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
41.	GEETA SRI MADIREDDY	DYNAMIC IDENTIFICATION OF AN EARLY 20TH CENTURY CIVIL ARCHITECTURAL BUILDING	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
42.	RAMYA DANDUMENU	DYNAMIC IDENTIFICATION OF AN EARLY 20TH CENTURY CIVIL ARCHITECTURAL BUILDING	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
43.	B.LALITHA KUMARI	INTEGRATED BATTERY CHARGING CIRCUIT AND MODEL PREDICTIVE CURRENT CONTROLLER FOR HYBRID ELECTRIC VEHICLES	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
44.	RAMESH ADIGARLA	INTEGRATED BATTERY CHARGING CIRCUIT AND MODEL PREDICTIVE CURRENT CONTROLLER FOR HYBRID ELECTRIC VEHICLES	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
	M.JAGADEESH3	INTEGRATED BATTERY CHARGING CIRCUIT AND	JOURNAL OF EDUCATION:

45.		MODEL PREDICTIVE CURRENT CONTROLLER FOR HYBRID ELECTRIC VEHICLES	RABINDRA BHARATI UNIVERSITY
46.	R.S.V.V.PRASAD RAO	EXPERIMENTAL STRATEGIES OF APPLYING STRONG AUTHENTICATION USING BIOMETRIC FINGERPRINT MATCHING PROCEDURES USING MSFPBT	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
47.	S.JYOTHIRMAYEE	EXPERIMENTAL STRATEGIES OF APPLYING STRONG AUTHENTICATION USING BIOMETRIC FINGERPRINT MATCHING PROCEDURES USING MSFPBT	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
49.	M.JAYASREE	EXPERIMENTAL STRATEGIES OF APPLYING STRONG AUTHENTICATION USING BIOMETRIC FINGERPRINT MATCHING PROCEDURES USING MSFPBT	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY
50.	BHAGAVATHULA VENKATA SATYA RAMAKRISHNA AYYAPPA KUMAR	UTILIZATION OF IOT AND IMAGE PROCESSING TO REGISTRY CREATE A SMART VEHICLE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
51.	SIVA KRISHNAN VURAKARANAM	UTILIZATION OF IOT AND IMAGE PROCESSING TO REGISTRY CREATE A SMART VEHICLE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
52.	RAJESH BABU NEMANI	UTILIZATION OF IOT AND IMAGE PROCESSING TO REGISTRY CREATE A SMART VEHICLE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
53.	M.JAYASREE	CRIMINAL DETECTION USING FACE RECOGNITION SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH

54.	P.RADHIKA KRUPALINI	CRIMINAL DETECTION USING FACE RECOGNITION SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
55.	M.S.R.S.PRASAD	CRIMINAL DETECTION USING FACE RECOGNITION SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
56.	RAJESH BABU NEMANI	SMART FARMING BASED ON THE INTERNET OF THINGS (IOT): TOWARDS PRECISION FARMING IN AGRICULTURE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
57.	BHAGAVATHULA VENKATA SATYA RAMAKRISHNA AYYAPPA KUMAR	SMART FARMING BASED ON THE INTERNET OF THINGS (IOT): TOWARDS PRECISION FARMING IN AGRICULTURE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
58.	MORTHA VARAPRASAD	SMART FARMING BASED ON THE INTERNET OF THINGS (IOT): TOWARDS PRECISION FARMING IN AGRICULTURE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
59.	M TARAKA RAMESH NAIDU	TRENDS IN THE ADDITION OF PET AND NATURAL FIBERS TO THE CONCRETESTEEL REINFORCEMENT SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
60.	SRINIVAS ANGADI	TRENDS IN THE ADDITION OF PET AND NATURAL FIBERS TO THE CONCRETESTEEL REINFORCEMENT SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
61.	V TARANGA DIVIJA KALYANI	TRENDS IN THE ADDITION OF PET AND NATURAL FIBERS TO THE CONCRETESTEEL REINFORCEMENT SYSTEM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH

62.	M TARAKA RAMESH NAIDU	FOR MEMBRANE SHELLS WITH RADIAL BASIS FUNCTIONS, A FORM- FINDING TECHNIQUE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
63.	V TARANGA DIVIJA KALYANI	FOR MEMBRANE SHELLS WITH RADIAL BASIS FUNCTIONS, A FORM- FINDING TECHNIQUE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
64.	RAMYA DANDUMENU	FOR MEMBRANE SHELLS WITH RADIAL BASIS FUNCTIONS, A FORM- FINDING TECHNIQUE	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
65.	G.RAVI KUMAR	A PICK-N-CARRY MOBILE CRANE BOOM STRESS ANALYSIS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
66.	K.L.NARASIMHA MURTY	A PICK-N-CARRY MOBILE CRANE BOOM STRESS ANALYSIS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
67.	DR.T.SRIKANTH3	A PICK-N-CARRY MOBILE CRANE BOOM STRESS ANALYSIS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
68.	J.L.PRATHYUSHA	A DESIGN-FOR- MANUFACTURING APPROACH TO FUSED DEPOSITION MODELLING PROCESSING PARAMETERS: EXPERIMENTS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
69.	K.L.NARASIMHA MURTY	A DESIGN-FOR- MANUFACTURING APPROACH TO FUSED DEPOSITION MODELLING PROCESSING PARAMETERS: EXPERIMENTS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH

70.	DR T SRIKANTH	A DESIGN-FOR-MANUFACTURING APPROACH TO FUSED DEPOSITION MODELLING PROCESSING PARAMETERS: EXPERIMENTS	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
71.	K.L.NARASIMHA MURTY	THERMAL ANALYSIS OF CANTILEVER BEAM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
72.	J.L.PRATHYUSHA	THERMAL ANALYSIS OF CANTILEVER BEAM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
73.	P.S.V.S.S.R.KRISHNA	THERMAL ANALYSIS OF CANTILEVER BEAM	SHODHSAMHITA : JOURNAL OF FUNDAMENTAL & COMPARATIVE RESEARCH
74.	G.GAMPALA KASIYYA	ANALYSIS OF PSYCHOLOGICAL AND PHYSIOLOGICAL VARIABLES AMONG HIGH AND LOW PHYSICAL FITNESS MALE VOLLEYBALL PLAYERS	ASIAN JOURNAL OF PHYSICAL EDUCATION AND COMPUTER SCIENCE IN SPORTS
75.	G.GAMPALA KASIYYA	ANALYSIS OF VOLLEYBALL PLAYING ABILITY FROM ANTHROPOMETRIC AND MOTOR FITNESS VARIABLES AMONG VOLLEYBALL PLAYERS	KALYAN BHARATI
76.	MSRS PRASAD	A SEQUENCE OF TECHNIQUE DEDUCTION APPROACH FOR RECONSTRUCTING THE PACKET ROUTING WAY IN DYNAMIC AND LARGE SCALE NETWORKS	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES

77.	MSRS PRASAD	UNINTENTIONAL OUTFLOW OF CONFIDENTIAL DATA SEVERE SECURITY ORGANIZATIONS IN DIGITAL AREA	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES
78.	RSVV PRASAD RAO	A SEQUENCE OF TECHNIQUE DEDUCTION APPROACH FOR RECONSTRUCTING THE PACKET ROUTING WAY IN DYNAMIC AND LARGE SCALE NETWORKS	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES
79.	PSVSSR KRISHNA	EXPERIMENTAL ANALYSIS OF PERFORMANCE AND EMISSIONS OF A DIESEL ENGINE FUELLED WITH DIESEL WATER EMULSIONS	ADVANCES IN IC ENGINES AND COMBUSTION TECHNOLOGY
80.	BV KALYAN RAM	SOFTWARE DESIGN MANAGEMENT FOR ZYNQ BASED DYNAMIC PARTIAL RECONFIGURATION FPGA	INTERNATIONAL JOURNAL OF CONTEMPORARY RESEARCH IN ENGG AND TECH
81.	BV KALYAN RAM	GRASSHOPPER OPTIMIZATION ALGORITHM UTILIZED XILINX CONTROLLER FOR MAXIMUM POWER GENERATION IN PHOTOVOLTAIC SYSTEM	SPRINGER
82.	VARA PRASAD	A NOVEL APPROACH OF INFORMATION SENDING USING MOSAIC CONCEPT	THE INTERNATIONAL JOURNAL OF ANALYTICAL AND EXPERIMENTAL MODAL ANALYSIS
83.	AKELLA KANAKAM	A NOTE ON REPRESENTABLE AUTOMETRIZED ALGEBRAS	THAI JOURNAL OF MATHEMATICS

84.	R KIRAN KUMAR	ECO EFFICIENT CONSTRUCTION MATERIAL FOR GREEN BUILDINGS	ELSEVIER AVAILABLE ON SSRN-ELSEVER
85.	N RAJESH BABU	AN EFFICIENT ARCHITECTURE FOR COLOR SPACE CONVERSION USING FPGA	JOURNAL OF ENGINEERING SCIENCES
86.	SRINIVAS ANGADI	INFLUENCE OF META KAOLIN IN CONCRETE AS PARTIAL REPLACEMENT OF CEMENT	INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY
87.	R KIRAN KUMAR	COMPARISON OF ANALYSIS OF BUILDING IN SEISMIC ZONE USING STAAD PRO AND TABS	INTERNAL JOURNAL OF ELECTRICAL AND COMPUTER COMMUNICATION ENGINEERING
88.	VARA PRASAD	DESIGN ALGORITHM FOR LOW COMPLEXITY RECONFIGURABLE FIR FILTER BASED ON EDBNS	INTERNATIONAL JOURNAL FOR INNOVATIVE ENGINEERING AND MANAGEMENT RESEARCH
89.	R. VIJAYA LAKSHMI	CFD ANALYSIS OF TURBINE BLADE FILM COOLING USING PSP TECHNIQUES	INTERNATIONAL JOURNAL OF EMERGING ENGINEERING SCIENCE AND TECHNOLOGY
90.	SRINIVAS ANGADI	EFFECTIVENESS OF USING RECYCLED COURSE AGGREGATE(RCA) IN MAKING HIGH STRENGTH CONCRETE	INTERNATIONAL JOURNAL OF MANAGEMENT AND APPLIED SCIENCES
91.	R KIRAN KUMAR	EXPOSURE EFFECT OF M _G SO ₄ AND HCL ON STRENGTH OF CERAMIC WASTE POWDER BY PARTIAL REPLACEMENT WITH CEMENT	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY

92.	D VIJAYA LAKSHMI	DESIGN AND ANALYSIS OF AGING AWARE AND ARE EFFICIENT VEDIC MULTIPLIER WITH ADAPTIVE HOLD CONTROL	INTERNATIONAL JOURNAL OF RESEARCH
93.	PSVSSR KRISHNA	DESIGN AND OPTIMIZATION OF HEAVY VEHICLE LEAF SPRING	INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY ADVANCED RESEARCH TRENDS
94.	J.L.PRATYUSHA	OPTIMIZATION OF THE HEAT EXCHANGER IN A FLAT PLATE INDIRECT HEATING SOLAR WATER HEATING SYSTEM	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCH TECHNOLOGY
95.	R. V. V. G. LAKSHMI	ASSIMILATION AND PERFORMS IN CLOUD BASED HIERARCHICAL MULTI-USER DATA-SHARED ENVIRONMENT	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES IN MATHEMATICAL SCIENCES
96.	M JAYASREE	ASSIMILATION AND PERFORMS IN CLOUD BASED HIERARCHICAL MULTI-USER DATA-SHARED ENVIRONMENT	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES IN MATHEMATICAL SCIENCES


PRINCIPAL

Principal
IDEAL INSTITUTE OF TECHNOLOGY
VIDYUTRINGAR, KAKRIADA



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada

Vidyutnagar, KAKINADA - 533 003. (A.P.)

Mobile : 9848179610, 80085 64954 Ph : +0884 - 2363345

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

Dr. T. Srikanth, B.E., M.Tech., Ph.D.

Principal

Academic Annual Report

A.Y:2019-20

1. Certificate Programs

1. A two-week Certificate Program on “Advanced Computational fluid dynamics” from 05.08.2019 to 20.08.2019, organized by ME Department.
2. A two-week Certificate Program on “Digital Video Processing” from 05.08.2019 to 22.08.2019, organized by ECE Department.
3. A two-week Certificate Program on “Technologies in Electrical Power Engineering” from 12.09.2019 to 24.09.2019, organized by EEE Department.
4. A two-week Certificate Program on “Coastal Erosion Protection” from 10.10.2019 to 24.10.2019, organized by CE Department.
5. A two-week Certificate Program on “Python Programming” from 11.11.19 to 23.11.19, organized by CSE Department.
6. A two-week Certificate Program on “Cloud Computing” from 20.1.2020 to 01.02.2020 organized by CSE Department.
7. A two-week Certificate Program on “MATLAB SIMULINK “from 22.01.2020 to 03.02.2020 organized by EEE Department.
8. A two-week Certificate Program on “Concrete Repair and Structured Strengthening from 22.02.2020 to 07.03.2020 organized by CE Department.
9. A two-week Certificate Program on “Wireless Sensor Network and Applications “from 09.03.2020 to 24.03.2020 organized by ECE Department.

2. Organized Seminars/ Workshops

1. A workshop on “Quantity Surveying & Construction Management” from 05.07.19 to 06.07.2019 organized by CE Department.
2. A Workshop on “Artificial Intelligence” on 06.07.2019, organized by CSE Department.
3. A Workshop on “Artificial Intelligence” on 06.07.2019, organized by ECE Department.

Sponsored by

GOVERNING BODY OF IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

Ph : 0884-2384382

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

4. A Workshop on "MATLAB" on 20.17.2019, organized by EEE Department.
5. A Workshop on "Computer Organization" on 01.08.2019, organized CSE Department.
6. A Workshop on "Computer Organization" on 01.08.2019 organized by ECE Department.
7. A Workshop on "Real Time Operation & Control of Power Systems" on 17.08.2019 organized by EEE Department.
8. A Workshop on "Non-Destructive Testing" on 03.01.2020 organized by ME Department.
9. A Workshop on "Fiber Reinforced Concrete" from 07.01.2020 to 08.01.2020 organized by CE Department.
10. A Workshop on "Python Programming" from 17.03.2020 to 18.03.2020 organized by Computer Science Engineering Department.


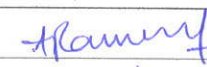
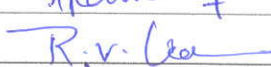
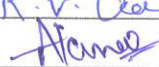
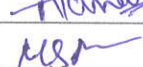
3. List Of MOUS

S. No	Name of the institution/ industry/ corporate house with whom MoU is signed	Duration	Actual activities under each MOU
1	MANVITHA ENGINEERING SERVICES	1 YEAR	INTERNSHIP, TRAINING, EDUCATION, PLACEMENT, INDUSTRIAL VISIT, EXPERT LECTURE
2	PROCORP TECHNOLOGIES	1 YEAR	TRAINING, INTERNSHIP, INDUSTRIAL VISIT, RESEARCH
3	ZANE CONSULTANTS	1 YEAR	INTERNSHIP, INDUSTRIAL VISITS, PROJECTS
4	SRI SURYA ASSOCIATES	1 YEAR	PERMIT VISIT SITE, EXPERT LECTURES, EMPLOYMENT
5	NEXT GENERATION ENGINEERS	1 YEAR	SKILL DEVELOPMENT PROGRAMS, TRAININGS, INTERNSHIP, WORKSHOPS, FDP
6	KELLA ELECTRICAL WIDING WORKS	1 YEAR	INTERNSHIP, TECHNICAL SEMINARS, GUEST LECTURES, TRAINING, FDP, INDUSTRIAL VISIT
7	CIORA SOLUTIONS PVT LTD	1 YEAR	QUALITY EDUCATION, INTERNSHIP, JOB
8	PACE COMPUTER EDUCATION	1 YEAR	TRAINING, INTERNSHIPS, PROJECT WORK, RESEARCH SUPPORT
9	PRAGATHI ENGINEERING COLLEGE	1 YEAR	GUEST LECTURES
10	GLOBAL e-SMART TECHNOLOGIES	1 YEAR	TRAININGS, INTERNSHIPS, WORKSHOPS, PLACEMENT
11	SMART SELECT SOLUTIONS	1 YEAR	SKILL BASED TRAINING, EDUCATION, RESEARCH

4. Extension Programs

1. International Day Against Drug Abuse & Illicit Trafficking organized on 26.06.2019 by N.S.S Unit (IIT-K).
2. Awareness on "Swachh Bharath" on 26.09.2019 by NSS Unit.
3. Awareness Program on World AIDS Day organized by Surya Global Hospital on 01.12.2019 by N.S.S Unit.
4. Blood Donation Camp organized by on 04.07.2019 by N.S.S Unit.
5. Blood Donation Camp organized by Red Cross Society on 24.10.2019 by N.S.S Unit.
6. Awareness Program on Plastic Free Day on 03.07.2019 organized by N.S.S Unit.
7. Essay Writing Competition was conducted on Rasthriya Ekta Diwas on 31.10.2019 organized by N.S.S. Unit.
8. Essay Writing was conducted on 70th National Constitutional Day on 26.11.2019 organized by N.S.S Unit.

5. Result Analysis

S. No	Branch	No. of Students registered	No. of students passed	Pass %	Sign of HOD
1	CE	51	46	90.1	
2	EEE	53	45	84.9	
3	ME	65	52	80	
4	ECE	63	55	87.3	
5	CSE	69	53	76.8	

6. Organized Faculty Development Programs

1. A One Week FDP on Financial Securities from 27.05.2019 to 01.06.2019 organized by H&BS Department.
2. A One Week FDP on Advances in Fuzzy Logic & Neural Networks in Artificial Intelligence from 17.06.2019 to 22.06.2019 organized by CSE Department.
3. A One Week FDP on Embedded Systems & IOT from 01.07.2019 to 06.07.2019 organized by ECE Department.

4. A One Week FDP Design & Experiment using Taguchi Method & Artificial Neural Network organized by ME Department.
5. A One Week FDP on “Principles and field practices of GTE” on 05.08.2019 organized by CSE Department.
6. A One Week FDP on “Soft Computing Applications in Power System” from 26.08.2019 to 31.08.2019 organized by EEE Department.
7. A One Week FDP on “Recent Trends in Applications of Mathematics” from 21.10.2019 to 26.10.2019 by H&BS Department.
8. A One Week FDP on “ Data Structure using Python Programming” from 06.01.2020 to 11.01.2020 organized by CSE Department.
9. A One Week FDP on “DSP Processors from 20.01.2020 to 25.01.2020 organized by ECE Department.
10. A One Week FDP on “Design Engineering” from 03.02.2020 to 08.02.2020 organized by ME Department.
11. A One Week FDP on “Applications of AI Techniques to Power Systems& Power Electronic Issues from 10.02.2020 to 15.02.2020 organized by EEE Department.
12. A One Week FDP on “Research Methodology in Research and Publication Ethics” from 09.03.2020 to 14.03.2020 organized by CSE Department.

7. Faculty Attended Professional Development Program

1. Mrs. J.L. Pratyusha attended FDP on “Noise, Acoustics, Vibration Control & Measurement in various engineering applications with hands on sessions” from 04.06.2019 to 15.06.2019.
2. Ms. V.S.G. Iswarya attended One Week FDP on Design of High Performance and Low Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
3. Mrs. P.S. Surya Kumari attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
4. Mr. Bh.V.S.R.K.Ayyappa Kumar attended OneWeek FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
5. Mr. D. Madhu attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
6. Mrs. K.Aruna attendedOne Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.

7. Mr. Ch.Raju attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
8. Mrs. R. Vijaya Lakshmi attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
9. Ms. M. Geetha Sri attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
10. Ms. B. Mounika attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
11. Mr. Y. Sriram attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
12. Mr. S.D. Nazeer Ahmed attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
13. Mr. M. Vara Prasad attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
14. Mr. V.K.A.S. Krishnan attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
15. Mr. B.V. Kalyan Ram attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
16. Mr. A.Ramesh attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
17. Ms.Rajaveni attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
18. Mrs. B. LalithaKumari attended One Week FDP on “Design of High Performance and Lower Power Thirsty SOC Modules using Mentor Graphic Tools from 25.06.2019 to 29.06.2019 at Narayana Engineering College, Nellore.
19. Mr, K. Venkateswara Rao attended One Week FDP on recent trends in “Power Electronics Applications in Smart Grid Electric Vehicles & Renewable Energy from 26.08.2019 to 31.08.2019 at Pragati Engineering College.

20. Mr. R. Kiran Kumar attended One Week FDP on “Hands on Training for Remote Sensing and Its Applications (HTRSA-2019) from 25.11.2019 to 30.11.2019 at University College of Engineering, Kakinada.
21. Mr. Ch. Venkata Prakash attended One WeekFDP “Advanced Wavelet Transforms for Signal and Image Processing Applications organized by ECE in Association with VIT from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
22. Mr. M. Jagadeesh attended One Week FDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
23. Mr. D.P.S. Kiran attended One WeekFDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
24. Mr. V.V. SubbarayaSastry attended One WeekFDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
25. Mr. P.S.J. Sriram attendedOne Week FDP “Advanced Wavelet Transforms” from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
26. Mrs. D. Vijaya Lakshmiattended One Week FDP “Advanced Wavelet Transforms” from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
27. Mrs. R.V.V.G.Lakshmi attended One Week FDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
28. Mrs. S. Jyothirmayee attended One Week FDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.
29. Mr. G.Ramu attended One Week FDP “Advanced Wavelet Transforms “from 16.12.2019 to 21.12.2019 at Narayana Engineering College.

8. Placements

The total number of students selected in the academic year 2019-2020: **122**

S. No	Name of the company	Number of the students selected				
		CE	EEE	ME	ECE	CSE
1	ACCENTURE	-	-	-	1	-
2	DELLOITE	-	-	-	1	-
3	MCAFEE	-	-	-	-	5
4	ONEGENE	-	-	11	2	-
5	TCS	-	-	-	2	5
6	INFOSYS	-	-	-	1	-
7	TECH MAHINDRA	-	-	-	1	-
8	BIG WORKS	-	-	-	-	1
9	PRIMESOFT	-	-	-	3	2
10	WOOSU	-	2	6	2	-
11	HGS	6	12	5	25	29
TOTAL		6	14	22	38	42

9. Publications

S. No	Name of the Author	Title of the Paper	Name of the Journal
1.	R. Kirankumar	Biocatalysis in Non Conventional Media: Medium Engineering Aspects	International Journal of Research
2.	A. Srinivas	Biocatalysis in Non Conventional Media : Medium Engineering Aspects	International Journal of Research
3.	M. Geeta Sri	Biocatalysis in Non Conventional Media : Medium Engineering Aspects	International Journal of Research
4.	M.S.R.S. Prasad	Research Paper on Bridge Application	International Journal of Research
5.	P. Radhika Krupalani	Research Paper on Bridge Application	International Journal of Research
6.	R.V.V. Gani Lakshmi	Research Paper on Bridge Application	International Journal of Research
7.	P. Radhika Krupalani	Functional Architecture of Integrated Framework for Fact Based Data Collection and Analysis	International Journal of Research
8.	R.V.V. Gani Lakshmi	Functional Architecture of Integrated Framework for Fact Based Data Collection and Analysis	International Journal of Research
9.	R.V.V. Gani Lakshmi	Functional Architecture of Integrated Framework for Fact Based Data Collection and Analysis	International Journal of Research
10.	R.S.S.V. Prasad Rao	Functional Architecture of Integrated Framework for Fact Based Data Collection and Analysis	International Journal of Research
11.	P. Radhika Krupalani	Functional Architecture of Integrated Framework for Fact Based Data Collection and Analysis	International Journal of Research
12.	Dr.T.Srikanth	Characterization of Hemp/ Vinyl Ester/ Carbon Fiber Laminated Hybrid Composite Reinforced with Carbon Nano Tubes	International Journal of Research
13.	R. Vijaya Lakshmi	Characterization of Hemp/ Vinyl Ester/ Carbon Fiber Laminated	International Journal of Research

		Hybrid Composite Reinforced with Carbon Nano Tubes	
14.	CH. Raju	Characterization of Hemp/ Vinyl Ester/ Carbon Fiber Laminated Hybrid Composite Reinforced with Carbon Nano Tubes	International Journal of Research
15.	R.V.V. Gani Lakshmi	A Comparative Analysis on Deep Learning Algorithms for Large Output Spaces	International Journal of Research
16.	R.S.S.V. Prasad Rao	A Comparative Analysis on Deep Learning Algorithms for Large Output Spaces	International Journal of Research
17.	S. Jyothirmayee	A Comparative Analysis on Deep Learning Algorithms for Large Output Spaces	International Journal of Research
18.	Dr. Ch. V.V. Satyanarayana Murthy	Jakubany Water Treatment Plant Corrosion Tests	International Journal of Research
19.	Dr. Srihari Varma	Jakubany Water Treatment Plant Corrosion Tests	International Journal of Research
20.	D. Madhu	A Switched Capacitor Bidirectional DC-DC Converter with Wide Voltage Gain Range for Electric Vehicles with Hybrid Energy Sources	Parishodh Journal
21.	Dr. B. Lalitha Kumari	A Switched Capacitor Bidirectional DC-DC Converter with Wide Voltage Gain Range for Electric Vehicles with Hybrid Energy Sources	Parishodh Journal
21.	A. Ramesh	A Switched Capacitor Bidirectional DC-DC Converter with Wide Voltage Gain Range for Electric Vehicles with Hybrid Energy Sources	Parishodh Journal
22.	CH. Raju	Design and Structural Analysis of Simply Supported Beam	Parishodh Journal
23.	Dr. T.Srikanth	Design and Structural Analysis of Simply Supported Beam	Parishodh Journal
24.	R. Vijayalakshmi	Design and Structural Analysis of Simply Supported Beam	Parishodh Journal
25.	B.V.S.R.Ayyappa Kumar	Power Line Communication Technology Based Advanced Patient Health Monitoring System	International Journal of Research
26.	P.S.J. Sriram	Power Line Communication Technology Based Advanced Patient Health Monitoring System	International Journal of Research

27.	V. Shiva Krishnan	Power Line Communication Technology Based Advanced Patient Health Monitoring System	International Journal of Research
28.	M.Geeta Sri	Controlled Soft Clay Engineering Behavior at High Water Content	International Journal of Research
29.	R. Kiran Kumar	Controlled Soft Clay Engineering Behavior at High Water Content	International Journal of Research
30.	A. Srinivas	Controlled Soft Clay Engineering Behavior at High Water Content	International Journal of Research
31.	N. Rahul Khanna	The Influence of Mother Tongue on English Communication	International Journal of Research
32.	P.S.J. Sreeram	Model for End-to End Wireless Data Transmission based on the MPVLC Li-Fi Standard	International Journal of Research
33.	B.V.Kalyan Ram	Model for End-to End Wireless Data Transmission based on the MPVLC Li-Fi Standard	International Journal of Research
34.	B.V.S.R.Ayyappa Kumar	Model for End-to End Wireless Data Transmission based on the MPVLC Li-Fi Standard	International Journal of Research
35.	D.Vijaya Lakshmi	A Scalable Methodology for Data Stream Analytics in Real Time Internet of Things (IOT Applications)	International Journal of Research
36.	V. Shiva Krishnan	A Scalable Methodology for Data Stream Analytics in Real Time Internet of Things (IOT Applications)	International Journal of Research
37.	P.S.J.Sreeram	A Scalable Methodology for Data Stream Analytics in Real Time Internet of Things (IOT Applications)	International Journal of Research
38.	A. Kanakam	Using (Integer) Linear Programming and Metaheuristics for Combinational Optimization	International Journal of Research
39.	S. Divya	Using (Integer) Linear Programming and Metaheuristics for Combinational Optimization	International Journal of Research
40.	K. Geethika	Using (Integer) Linear Programming and Metaheuristics for Combinational Optimization	International Journal of Research
41.	M. Sireesha	A Study on Cash Receivable Management in Reliance	Parishodh Journal
42.	Dr. T. Srikanth	A Study on Cash Receivable Management in Reliance	Parishodh Journal
43.	M. Jagadeesh	An Ornn Control Scheme Based	Parishodh Journal

		Multilevel DVR for Mitigation of Power Quality Issues	
44.	D. Madhu	An Ornn Control Scheme Based Multilevel DVR for Mitigation of Power Quality Issues	Parishodh Journal
45.	B. LalithaKumari	An Ornn Control Scheme Based Multilevel DVR for Mitigation of Power Quality Issues	Parishodh Journal
46.	V.S.G.Iswarya	Variable Methods Of Data Acquisition Are Used To Study Electrical And Magnetic Properties Of High Temperature Supercondutors	Parishodh Journal
47.	P.S.SuryaKumari	Variable Methods Of Data Acquisition Are Used To Study Electrical And Magnetic Properties Of High Temperature Supercondutors	Parishodh Journal



PRINCIPAL

Principal

**IDEAL INSTITUTE OF TECHNOLOGY
VIDYATRANGAR, KAKINADA**



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada

Vidyutnagar, KAKINADA - 533 003. (A.P.)

Mobile : 9848179610, 80085 64954 Ph : +0884 - 2363345

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

Dr. T. Srikanth, B.E., M.Tech., Ph.D.

Principal

ACADEMIC ANNUAL REPORT

A.Y:2018-2019

1. Certificate Programs

- A two-week Certificate Program on “Emerging Trends in Mechatronics” from 16.08.2018 to 30.08.2018, organized by ME Department.
- A two-week Certificate Program on “Arduino Programming” from 16.08.2018 to 30.08.2018, organized by ECE Department.
- A two-week Certificate Program on “Solar Grid integration and issues in micro grids” from 10.09.2018 to 22.09.2018, organized by EEE Department.
- A two-week Certificate Program on “Ethical Hacking” from 17.09.2018 to 29.09.2018, organized by CSE Department.
- A two-week Certificate Program on “Replacing Various Building Materials For Sustainable Construction” from 06.11.18 to 20.11.18, organized by CE Department.
- A two-week Certificate Program on “Image Processing” from 04.02.2019 to 16.02.2019 organized by CSE Department.
- A two-week Certificate Program on “Waste Water Evaluation and Management” from 09.02.2019 to 23.02.2019 organized by CE Department.
- A two-week Certificate Program on “Renewable energy Technologies and Distributed Generation” from 11.02.2019 to 23.02.2019 organized by EEE Department.
- A two-week Certificate Program on “Embedded System Design using TI” from 04.03.2019 to 19.03.2019 organized by ECE Department.
- A two-week Certificate Program on “Micro Machining Techniques” from 05.03.2019 to 18.03.2019 organized by ME department.

Sponsored by

GOVERNING BODY OF IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

Ph : 0884-2384382

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

2. Organized Seminars/ Workshops

- A workshop on “Safety Awareness Program” on 11.07.2018 organized by ME Department.
- A Workshop on “Overview of Thermodynamics” from 02.08.2018 to 03.08.2018, organized by ME Department.
- A Workshop on “Computer Organization” on 17.12.2018, organized by CSE Department.
- A Workshop on “Software Engineering” from 11.12.2018 to 12.12.2018, organized by CSE Department.
- A Workshop on “Sustainable Green Construction and Assessment “on 12.12.2018, organized CE Department.
- A Workshop on “Super Conductivity and Engineering Applications” on 14.12.2018 organized by EEE Department.
- A Workshop on “Total Station Theodolite” from 05.01.2019 to 06.01.2019 organized by CE Department.
- A Workshop on “Power System Stability and Facts to Improve It” on 06.01.2019 organized by EEE Department.
- A Workshop on “Electronic Circuit Analysis “from 07.01.2019 to 08.01.2019 organized by ECE Department.
- A Workshop on “Distributed Systems” from 24.01.2019 to 25.01.2019 organized by CSE Department.
- A Workshop on “Computer Networks” on 22.01.2019 organized by CSE Department.
- A Workshop on “Analog Communication” on 18.02.2019 organized by ECE Department.
- A Workshop on “Power Electronics and Drives” on 11.03.2019 organized by EEE Department.

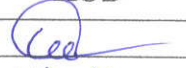
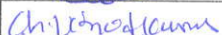
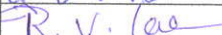


3. LIST OF MOUS

S. No	Name of the institution/ industry/ corporate house with whom MOU is signed	Duration	Actual activities under each MOU
1	MANVITHA ENGINEERING SERVICES	1 YEAR	INTERNSHIP, TRAINING, EDUCATION, PLACEMENT, INDUSTRIAL VISIT, EXPERT LECTURE
2	PROCORP TECHNOLOGIES	1 YEAR	TRAINING, INTERNSHIP, INDUSTRIAL VISIT, RESEARCH
3	ZANE CONSULTANTS	1 YEAR	INTERNSHIP, INDUSTRIAL VISITS, PROJECTS
4	SRI SURYA ASSOCIATES	1 YEAR	PERMIT VISIT SITE, EXPERT LECTURES, EMPLOYMENT
5	NEXT GENERATION ENGINEERS	1 YEAR	SKILL DEVELOPMENT PROGRAMS, TRAININGS, INTERNSHIP, WORKSHOPS, FDP
6	KELLA ELECTRICAL WIDING WORKS	1 YEAR	INTERNSHIP, TECHNICAL SEMINARS, GUEST LECTURES, TRAINING, FDP, INDUSTRIAL VISIT
7	CIORA SOLUTIONS PVT LTD	1 YEAR	QUALITY EDUCATION, INTERNSHIP, JOB
8	PACE COMPUTER EDUCATION	1 YEAR	TRAINING, INTERNSHIPS, PROJECTWORK, RESEARCH SUPPORT
9	PRAGATHI ENGINEERING COLLEGE	1 YEAR	GUEST LECTURES
10	GLOBAL e-SMART TECHNOLOGIES	1 YEAR	TRAININGS, INTERNSHIPS, WORKSHOPS, PLACEMENT
11	SMART SELECT SOLUTIONS	1 YEAR	SKILL BASED TRAINING, EDUCATION, RESEARCH

4. Extension Programs

- International Day against Drug Abuse & Illicit Trafficking organized on 26.06.2018 by N.S.S Unit (IIT-K).
- International Women's Day was celebrated on 08.03.2019 by N.S.S Unit (IIT-K).
- Blood Donation Camp organized by Red Cross Society on 12.10.2018 by N.S.S Unit.
- Awareness Program on World Cancer Day on 04.02.2018 by N.S.S Unit.
- Awareness Program on No-Tobacco was organized on 31.05.2018 by N.S.S Unit.
- Awareness Program on Pulse Polio Immunization on 24.10.2018 by N.S.S Unit.
- World AIDS Day was held on 01.12.2018 organized by N.S.S Unit.
- International Day of Yoga was celebrated on 21.06.2018 organized by N.S.S Unit.

5. Result Analysis

S. No	Branch	No. of Students registered	No. of students passed	Pass%	Signature of HOD
1	CE	24	23	95.8	
2	EEE	35	27	77.1	
3	ME	49	37	75.5	
4	ECE	44	36	81.8	
5	CSE	45	38	84.4	

6. Organized Faculty Development Programs

- One Week Faculty Development Program on Internet of Things from 04.06.2018 to 09.06.2018 by Department of H&BS
- One Week Faculty Development Program on Recent Trends in VLSI Design from 18.06.2018 to 23.06.2018.
- One Week Faculty Development Program on Emerging Trends in Concentrated Solar Technologies from 16.07.2018 to 21.07.2018 organized by ECE Department.
- One Week Faculty Development Program on Sustainability Technologies for Waste to Energy From 20.08.2018 to 25.08.2018 by ME Department.

- One Week Faculty Development Program on Fuzzy Based Random Pulse Width Modulation Technique for Performance Improvement of Induction Motor From 22.10.2018 to 27.10.2018 organized by CE Department.
- One Week Faculty Development Program on Role of Physics in Atmospheric and Ocean Studies from 19.11.2018 to 24.11.2018 organized by EEE Department.
- One Week Faculty Development Program on Android App Development from 21.01.2019 to 28.01.2019 by H&BS Department.
- One Week Faculty Development Program on Research Perceptive in Medical Image Processing from 04.02.2019 to 09.02.2019 organized by CSE Department.
- One Week Faculty Development Program on Foundations from 11.02.2019 to 16.02.2019 organized by ECE Department.
- One Week Faculty Development Program on Research Methodology from 11.03.2019 to 16.03.2019 organized by ME Department.
- One Week Faculty Development Program on Renewable Energy Technologies and Distributed Generation from 06.05.2019 to 11.05.2019 organized by EEE Department.
- One Week Faculty Development Program on Financial Securities from 09.05.2019 to 01.06.2019 organized by CSE Department.

7. Faculty Attended Professional Development Program

- Mrs. S. Jyothirmayee attended FDP on One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018.
- Mr. R.S.V.V. Prasad Rao attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mrs. S.Indira Spandana attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mrs. N.Durga Deepthi Priya attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.

- Mrs. S.Surya Sri attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. G.Ravi Kumar One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. K.Venkateswara Rao attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mrs. M.Jayasree attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. M.Kiran Kumar attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Ms. P.Sai Sowjanya attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. N.Rahul Khanna One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. CH.Venkata Prakash Attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mrs. D.Vijaya Lakshmi attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. B.V.Kalyan Ram attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. V.K.A.S.Krishnan attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mr. P.S.J.Sriram attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Ms.P.S.Surya Kumari attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.
- Mrs. V.S.G.Iswarya attended one week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Narayana Engineering College, Nellore.

- Mrs, M.Sireesha attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at Pragati Engineering College .
- Mrs. A.Kanakam attended One week Faculty Development Program on Internet of Things from 22.12.2018 to 28.12.2018 at University College of Engineering, Kakinada.

8. Placements

The total number of students placed in the year 2018-2019: 160

S.No	Name of the company	Number of students selected				
		CIVIL	EEE	MECH	ECE	CSE
1	TCS	-	-	-	-	2
2	TRIPOD	-	-	-	1	-
3	CODEMANTRA	-	-	-	-	3
4	IBEON TECHNOLOGIES	1	-	-	-	2
5	HCL	-	-	-	-	1
6	BIG WORKS	-	-	-	1	1
7	WOOSU	-	3	8	5	-
8	COBRAIN TECHNOLOGIES	-	-	-	-	3
9	ALIENS DEVELOPERS	2	6	8	8	7
10	PRIMESOFT	-	1	-	3	4
11	TELEPERFORMANCE D.I.B.S	-	-	-	-	3
12	GENPACT	-	-	-	-	1
13	ADS TECHNOLOGY	2	-	4	-	-
14	WIPRO	-	-	-	4	-
15	HGS	9	15	8	9	17
16	WONJIN AUTOPARTS INDIA PVT.LTD.	-	3	12	-	-
17	ONEGENE	-	3	-	-	-
TOTAL		14	31	40	31	44


PRINCIPAL

Principal
IDEAL INSTITUTE OF TECHNOLOGY
Vidyutnagar, KAKINADA.



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Vidyutnagar, KAKINADA - 533 003. (A.P.)

Mobile : 9848179610, 80085 64954 Ph : +0884 - 2363345

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

Dr. T. Srikanth, B.E., M.Tech., Ph.D.

Principal

ACADEMIC ANNUAL REPORT

A.Y:2017-2018

1. Certificate Programs

1. A two-week Certificate Program on “Rapid Prototyping” from 14.08.2017 to 28.08.2017, organized by ME Department.
2. A two-week Certificate Program on “Robotics and Animation” from 16.08.2017 to 31.08.2017, organized by ECE Department.
3. A two-week Certificate Program on “Solar and Smart energy Systems” from 15.09.2017 to 27.09.2017, organized by EEE Department.
4. A two-week Certificate Program on “Big Data and Hadoop” from 18.09.2017 to 30.09.2019, organized by CSE Department.
5. A two-week Certificate Program on “Retaining Walls” from 07.10.17 to 21.10.17, organized by CE Department.
6. A two-week Certificate Program on “Android Application Development” from 05.02.2018 to 17.02.2018 organized by CSE Department.
7. A two-week Certificate Program on “Automatic Solar tracker System” from 08.02.2018 to 20.02.2018 organized by EEE Department.
8. A two-week Certificate Program on “Disaster Management and Role of Geographic Information System” from 19.02.2018 to 05.03.2018 organized by CE Department.
9. A two-week Certificate Program on “MATLAB and its applications” from 05.03.2018 to 20.03.2018 organized by ECE Department.

2. Organized Seminars/ Workshops

1. A workshop on Database Management System from 20.06.17 to 21.06.2017 organized by CSE Department.
2. A Seminar on Signals & Systems on 08.09.2017, organized by ECE Department.
3. A Workshop on Power Electronics & Drives on 16.09.2017 organized by EEE Department.

Sponsored by

GOVERNING BODY OF IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

Ph : 0884-2384382

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

4. A Workshop on Recent Trends in Thermodynamics on 16.09.2017, organized by ME Department.
5. A Workshop on Design & Drawing of Reinforced Concrete Structures on 18.12.2017 to 19.12.2017, organized by CE Department.

3. LIST OF MOUS


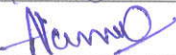

S. No	Name of the institution/ industry/ corporate house with whom MOU is signed	Duration	Actual activities under each MOU
1	MANVITHA ENGINEERING SERVICES	1 YEAR	INTERNSHIP, TRAINING, EDUCATION, PLACEMENT, INDUSTRIAL VISIT, EXPERT LECTURE
2	ZANE CONSULTANTS	1 YEAR	INTERNSHIP, INDUSTRIAL VISITS, PROJECTS
3	SRI SURYA ASSOCIATES	1 YEAR	PERMIT VISIT SITE, EXPERT LECTURES, EMPLOYMENT
4	NEXT GENERATION ENGINEERS	1 YEAR	SKILL DEVELOPMENT PROGRAMS, TRAININGS, INTERNSHIP, WORKSHOPS, FDP
5	KELLA ELECTRICAL WINDING WORKS	1 YEAR	INTERNSHIP, TECHNICAL SEMINARS, GUEST LECTURES, TRAINING, FDP, INDUSTRIAL VISIT
6	CIORA SOLUTIONS PVT LTD	1 YEAR	QUALITY EDUCATION, INTERNSHIP, JOB DEVELOPMENT PROGRAMS
7	PACE COMPUTER EDUCATION	1 YEAR	TRAINING, INTERNSHIPS, PROJECTWORK, RESEARCH SUPPORT
8	PRAGATHI ENGINEERING COLLEGE	1 YEAR	GUEST LECTURES
9	GLOBAL e-SMART TECHNOLOGIES	1 YEAR	TRAININGS, INTERNSHIPS, WORKSHOPS, PLACEMENT
10	SMART SELECT SOLUTIONS	1 YEAR	SKILL BASED TRAINING, EDUCATION, RESEARCH

4. Extension Programs

1. International Day of Yoga was celebrated on 21.06.2017 by N.S.S Unit (IIT-K).
2. International Day against Drug Abuse & Illicit Trafficking organized on 26.06.2017 by N.S.S Unit (IIT-K).

3. Blood Camp through Red Cross Society was held on 26.06.2017 by N.S.S Unit (IIT-K).
4. Blood Donation Camp through Siddhartha blood Bank was conducted on 18.09.2017 by N.S.S Unit (IIT-K).
5. Awareness on "Swachh Bharath" on 26.09.2017 by NSS Unit.
6. Awareness Program on World Heart Day was conducted on 29.09.2017 by NSS Unit.
7. Rasthriya Ekta Diwas was held celebrating the birth centenary of Sri.VallabhaiPtel on 31.10.2017 by NSS Unit.
8. Sankraanthi Sambaraalu was organized on 13.01.2018 by NSS Unit.
9. A Campaign for Pollution Control was organized on 22.02.2018 by NSS Unit.

5. Result Analysis

S. No	Branch	No. of Students registered	No. of students passed	Pass %	Sign of HOD
1	CE	33	31	93.9	
2	EEE	18	17	94.4	Ch. Vinod Kumar
3	ME	50	45	90.0	R. V. Lee
4	ECE	33	24	72.7	
5	CSE	25	22	88.0	

6. Organized Faculty Development Programs

1. One Week Faculty Development Program on Data Science using Python from 26.06.2017 to 01.07.2017.
2. One Week Faculty Development Program on Recent Trends in Advanced Communications from 10.07.2017 to 15.07.2017.
3. One Week Faculty Development Program on Advances in Internal Combustion Engines from 24.07.2017 to 29.07.2017.
4. One Week Faculty Development Program on Composite Materials and Structures from 07.08.2017 to 12.08.2017.
5. One Week Faculty Development Program on Emerging Trends in Artificial Intelligence Methods to Power Systems from 21.08.2017 to 26.08.2017.
6. One week Faculty Development Program on Imparting Soft Skills for Success and Life Skills for Survival at the Work Place from 11.09.2017 to 16.09.2017.
7. One Week Faculty Development Program on HADOOP from 22.01.2018 to 29.01.2018.

8. One Week Faculty Development Program on MATLAB Tools and their Applications from 05.02.2018 to 10.02.2018.
9. One Week Faculty Development Program on Product Development using Computational Fluid Dynamics from 19.02.2018 to 24.02.2018.
10. One Week Faculty Development Program on Advances in Refrigeration and Air Conditioning from 19.03.2018 to 24.03.2018.
11. One Week Faculty Development Program on Teaching and Learning of Advanced Control Systems from 23.04.2018 to 28.04.2018.

7. Faculty Attended Professional Development Program

1. Mrs.K.Aruna attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
2. Mr. N.Raja Naidu attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
3. Mrs. R.Vijaya Lakshmi attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
4. Mr. B.Dharma Kumar attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
5. Mrs. D.Vijaya Lakshmi attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
6. Mr. CH.Venkata Prakash attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
7. Mr. B.Leela Krishna attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
8. Mrs.P.Venkata Ratnam attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
9. Mr. B.V.Kalyan Ram attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.
10. Mrs. K.Sumavalli Ram attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.

11. Mrs. T.B.N. Satya Sirisha attended FDP on One Week Online Faculty Development Programme on Recent Advances in Renewable Energy from 24.08.2017 to 28.08.2017.

12. Mr. K.S.Rambabu One Week Online Faculty Development Programme on Recent Advances in Renewable Energy 24.08.2017 to 28.08.2017.

8. Placements

The total number of students placed in the academic year 2017-2018: 82

S. No	Name of the company	Number of students selected				
		CIVIL	EEE	MECH	ECE	CSE
1	SECURIFY EMBEDDED SYSTEMS PVT.LTD.	1	-	2	-	-
2	PRIMESOFT	1	1	-	-	1
3	L-CUBE INNOVATIVE SOLUTIONS PVT.LTD.	-	-	1	-	2
4	ACCURATE STEELS FORGINGS LIMITED	-	-	9	1	-
5	RAJUGARU SPINNING MILLS	-	-	1	-	-
6	WONJIN AUTOPARTS INDIA PVT.LTD	-	1	6	-	-
7	HGS	8	2	7	8	16
8	WIPRO	1	1	-	6	6
TOTAL		11	5	26	15	25



PRINCIPAL

Principal

IDEAL INSTITUTE OF TECHNOLOG^Y
VIDYUTRABAR, KAIGNADA



IDEAL INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada

Vidyutnagar, KAKINADA - 533 003. (A.P.)

Mobile : 9848179610, 80085 64954 Ph : +0884 - 2363345

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

Dr. T. Srikanth, B.E., M.Tech., Ph.D.

Principal

Academic Annual Report

A.Y:2016-17

1. Certificate Programs

1. A two-week Certificate Program on “3D Printing” from 08.08.2016 to 22.08.2016, organized by ME Department.
2. A two-week Certificate Program on “Embedded System Design” from 08.08.2016 to 24.08.2016, organized by ECE Department.
3. A two-week Certificate Program on “Power System Stability and facts to improve it” from 09.09.2016 to 21.09.2016, organized by EEE Department.
4. A two-week Certificate Program on “Web Development” from 12.09.16 to 24.09.16, organized by CSE Department.
5. A two-week Certificate Program on “Foundations” from 06.11.2016 to 18.11.2016 organized by CSE Department.
6. A two-week Certificate Program on “Structural Damage Identification Method and Program Designing Based on Statistical Analysis” from 03.03.2017 to 17.03.2017 organized by CSE Department
7. A two-week Certificate Program on “VLSI Backend Design” from 06.03.2017 to 21.03.2017 organized by ECE Department.
8. A two-week Certificate Program on “CNC MACHINING” from 06.03.2017 to 18.03.2017 organized by ME Department
9. A two-week Certificate Program on “Wireless and Mobile Computing “from 13.03.2017 to 25.03.2017 organized by CSE Department.
10. A two-week Certificate Program on “Power electronics applications to renewable resources” from 15.03.2017 to 27.03.2017 organized by EEE Department.

2. Organized Seminars / Workshops

1. A One day Workshop on “Prestressed Concrete” on 08.07.2016 organized by CE Department.

Sponsored by

GOVERNING BODY OF IDEAL COLLEGE OF ARTS AND SCIENCES, KAKINADA

Ph : 0884-2384382

Web : www.idealtech.edu.in

Email : 6k.principal@jntuk.edu.in

4. Mrs.R.VijayaLakshmiattendedOneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 5.Mr.M.Dedeepya attended OneWeek FDP on Finite Element Analysis and its Applications Using Ansys from06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 6.Mr. N. Raja Naidu attended OneWeek FDP on Finite Element Analysis and its Applications Using Ansys from06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 7.Mr. M.Pavan Kumar attendedOneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 8.Mr. I.Arun Kumar attended One Week FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 9.Mr. K.Venkateswara Rao attendedOneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 10.Mr. CH.Vinod Kumar attended OneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017at Narasaraopeta Engineering College.
- 11.Mr. M.Jagadeesh attended OneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017at Narasaraopeta Engineering College.
- 12.Mr. D.MadhuattendedOneWeek FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.
- 13.Mr. Ch.Venkata Prakash attended One Week FDP on Finite Element Analysis and its Applications Using Ansysfrom 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.


14.Mrs. K.Lakshmi Satya attended One Week FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.

15.Mrs. R.Gayatri Devi attended One Week FDP on Finite Element Analysis and its Applications Using Ansys from 06.03.2017 to 11.03.2017 at Narasaraopeta Engineering College.

8. Placements

The total number of students selected in the academic year 2016-2017:73

S. No	Name of the company	Number of the students selected				
		CE	EEE	ME	ECE	CSE
1	WIPRO	5	-	3	11	2
2	HGS	14	1	8	12	3
3	HBL	-	-	11	-	-
4	SAKTHI AUTO ANCILLARY	-	-	2	1	-
Total		19	1	24	24	5


PRINCIPAL
Principal
IDEAL INSTITUTE OF TECHNOLOGY
VISHVESHWAR, KARNATAKA

2. A Workshop on “C programming” from 18.08.2016 to 19.08.2016, organized by CSE Department.

3. A Workshop on “Analog communications” on 09.03.2017, organized by ECE Department.

3. LIST OF MOUS


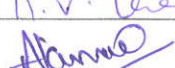
S. No	Name of the institution/ industry/ corporate house with whom MOU is signed	Duration	Actual activities under each MOU
1	MANVITHA ENGINEERING SERVICES	1 YEAR	INTERNSHIP, TRAINING, EDUCATION, PLACEMENT, INDUSTRIAL VISIT, EXPERT LECTURE
2	ZANE CONSULTANTS	1 YEAR	INTERNSHIP, INDUSTRIAL VISITS, PROJECTS
3	SRI SURYA ASSOCIATES	1 YEAR	PERMIT VISIT SITE, EXPERT LECTURES, EMPLOYMENT
4	NEXT GENERATION ENGINEERS	1 YEAR	SKILL DEVELOPMENT PROGRAMS, TRAININGS, INTERNSHIP, WORKSHOPS, FDP
5	KELLA ELECTRICAL WINDING WORKS	1 YEAR	INTERNSHIP, TECHNICAL SEMINARS, GUEST LECTURES, TRAINING, FDP, INDUSTRIAL VISIT
6	CIORA SOLUTIONS PVT LTD	1 YEAR	QUALITY EDUCATION, INTERNSHIP, JOB
7	PACE COMPUTER EDUCATION	1 YEAR	TRAINING, INTERNSHIPS, PROJECTWORK, RESEARCH SUPPORT
8	PRAGATHI ENGINEERING COLLEGE	1 YEAR	GUEST LECTURES
9	GLOBAL E-SMART TECHNOLOGIES	1 YEAR	TRAININGS, INTERNSHIPS, WORKSHOPS, PLACEMENT
10	SMART SELECT SOLUTIONS	1 YEAR	SKILL BASED TRAINING, EDUCATION, RESEARCH

4. Extension Programs

1. International Day against Drug Abuse & Illicit Trafficking organized on 25.06.2016 by N.S.S Unit.

2. Awareness on "Plastic Free India" on 26.09.2016 by NSS Unit.
3. Awareness Program on Cancer on 04.02.2016 by N.S.S Unit.
4. Blood Donation Camp organized by on 05.02.2016 by N.S.S Unit.
5. Essay Writing Competition was conducted on Rasthriya Ekta Diwason 31.10.2016 organized by N.S.S. Unit.
6. Cultural events are conducted on Worlds Aids Day on 01.12.2016 organized by N.S.S Unit.
7. Essay Writing Competition was conducted on Pollution Control on 23.02.2017 organized by N.S.S. Unit.
8. Essay Writing was conducted on International Women's Day on 08.03.2017 organized by N.S.S Unit.

5. Result Analysis

S.No	Branch	No. of Students registered	No. of students passed	Pass %	Sign of HOD
1	CE	46	43	93.4	
2	EEE	21	14	66.6	ch.vinod kumar
3	ME	63	54	85.7	T.V. Laxmi
4	ECE	43	40	93.0	
5	CSE	15	14	93.3	MSM

6. Organized Faculty Development Programs

1. A One Week FDP on "Mechanics of Composite Materials and structures" from 18.07.2016 to 23.07.2016 by Department of ME.
2. A One Week FDP on "DSP PROCESSORS" from 04.07.2016 to 09.07.2016 conducted by ECE Department.
3. A One Week FDP on "Research Methods & Data Analytics" from 20.06.2016 to 25.06.2016 organized by CSE Department.