ANNUAL REPORT
2022-23

(ESTD. 2009)

Bapatla Women's Engineering College

BAPATLA -522101. Bapatla (Dist.),A.P.

(Sponsored by The Bapatla Education Society)

Approved by AICTE-New Delhi, Affiliated to Acharya Nagarjuna University

An ISO 9001:2015 Certified Institution

RESEARCH PUBLICATIONS

S. No.	Title of paper	Name of Author/s	Department of teacher	Name of Journal
1.	IoT Based Smart Accident Detection For Real Time Applications	Dr.G.SrinivasRao	ECE	The International journal of analytical and experimental model analysis
2.	Design and Development of Intelligent Train Engine System for Real Time Applications	G.Krishna veni	ECE	International Journal of Innovative Research in Technology
3.	IoT Based Smart Accident Detection For Real Time Applications	G.Krishnaveni	ECE	The International journal of analytical and experimental model analysis
4.	Design of Dual-band L shaped patch antenna for 5G mm wave applications	G.Kalyani	ECE	Journal of Engineering Sciences
5.	IoT Based System for Classification of Diabetes Using Convolutional Neural Network Algorithm	Maha Lakshmi B	ECE	International Journal of Scientific Development and Research (IJSDR)
6.	Machine Learning-based Diabetes Classification using Raspberry-Pi	Maha Lakshmi B	ECE	International Journal for Multidisciplinary Research (IJFMR)
7.	A Method to Detect Diseased Plant Leaves using Image Processing in MATLAB	E.Suneetha	ECE	International Journal of Advance Research ,Ideas and Innovations in Technology (IJARIIT)
8	Alcohol Detection Alert System in Vehicle Using IoT	R.Lavanya	ECE	International Journal of Creative Research Thoughts (IJCRT)

9	Design and implementation of high speed multiplier using parallel prefix adders	K. Srilatha	ECE	International Journal of Research and Analytical Reviews
10.	Performance Analysis and Enhancement of Probe Feed Patch Antenna using Parametric Analysis in HFSS	E. Sumalatha	ECE	International Journal of Innovative Research in Technology(IJIRT)
11.	Design of Low Power Single Precision Floating Point Multiplier	A.V. Mutyalamma	ECE	International Journal of Advance Research ,Ideas and Innovations in Technology (IJARIIT)
12	Smart Helmet For Mining Workers	T. Sowmya	ECE	Journal of Engineering Sciences
13.	SWEVCS: Solar Wireless Electric Vehicle Charging System	P. Sri Haritha	ECE	Journal of Engineering Sciences
14.	Effectual adder using GDI technique	R. Loganya	ECE	TIJER
15.	Design of Dual band Invert de Ladder shaped patch antenna for 5G mm-wave, Mobile, Satellite and Radar Applications	G. Kalyani	ECE	International Journal of Engineering Research and Applications (IJERA)
16.	A Method to Detect Diseased Plant Leaves using Image Processing in MATLAB	E. Suneetha	ECE	International Journal of Advance Research ,Ideas and Innovations in Technology (IJARIIT)
17.	Alcohol Detection Alert System in Vehicle Using IoT	R. Lavanya	ECE	International Journal of Creative Research Thoughts (IJCRT)
18.	Multiple Account Access Using Single ATM Card With Highly Enhanced Security	B. Siva kumari	ECE	International Journal of analytical and experimental modal analysis (IJAEMA)
19.	Fire Detection and Alerting system using raspberry pi	M. Bhavani	ECE	YMER
20.	An Efficient Study on Graduate Students Academic progress prediction In India Using Machine Learning Methodologies	G. Venkateswari	CSE	Journal Information and Computational Science

21.	Safe Guarding Your Data From Malicious URLs Using Machine Learning	B. Haritha	CSE	International Journal For Research in Applied Science and Engineering Technology
22.	An Efficient Study on Graduate Students Academic progress prediction In India Using Machine Learning Methodologies	B. Haritha	CSE	Journal Information and Computational Science
23.	Enhancing Data Security In Cloud Using Block Chain	B. Haritha	CSE	Journal of Engineering Sciences
24.	Unearthing of Medicinal Plants Using Deep Learning	Mrs. G. Venkateswari	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
25.	Detecting Replicated Files in the Cloud	Mrs. G. Venkateswari	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
26.	Lung Cancer Diagnosis Using Deep Learning: VGG-19	Ms. P. Nava Bhanu	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
27.	A Machine Learning Approach for Air Writing Recognition	Ms. P. Nava Bhanu	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
28.	Secure Storage and Certificate Verification System Using BlockChain	Mrs. M. Anitha	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)

29.	Money Wallet Using Blockchain	M.Anitha	CSE	Journal of Engineering Sciences
30.	Agronomy Leaf Disease Perception	MD. Jareena Begum	CSE	International Journal for Research in Applied Science &Engineering Technology (IJRASET)
31.	Satellite Image Segmenation and Classification forEnvironmental Analysis	Mrs. MD. Jareena Begum	CSE	International Journal for Research in Applied Science &Engineering Technology (IJRASET)
32.	Streamlining Exam Proctoring Process Using Python	Palepu Neelima	CSE	International Journal for Research in Applied Science And Engineering Technology
33.	Mouse less Cursor Using Facial Movements	D.Tejaswi	CSE	Journal of Engineering Sciences
34.	Audio / Text to Sign Language Translator using Python	D.Tejaswi	CSE	Journal of Engineering Sciences
35	Brightness and Volume Control Using Hand Gesture	Dhulipalla Tejaswi	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
36.	Brightness and Volume Control Using Hand Gesture	N. Bhagyalakshmi	CSE	Journal of Engineering Sciences (JES)
37.	Electronic Health Records Using CP-ABE Access Policy in Block chain Technology	G. V. Leela Kumari	CSE	InternationalJournal for Research in Applied Science & Engineering Technology (IJRASET)

38.	Smart Checkout System for Supermarket	Gavini Venkata Leela Kumari	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
39.	Low-Light Image Enhancement using CNN	V. Ratna Sri	CSE	Journal of Engineering Sciences
40.	K-Nearst Neighbor (Knn)Algorithm For Stock Market Trend Prediction	D. Urlamma	CSE	Journal of Engineering Sciences
41.	Identification Of Missing Child Using Deep Learning	P. Surekha	CSE	Journal of Engineering Sciences (JES)
42.	Use Of Voting Classifier To Determine Health Insurance Fraud	P. Surekha	CSE	Journal of Engineering Sciences (JES)
43.	Block chain and Cryptography Communication System	T. Sai Lakshmi	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
44	Voice Based E-Mail System using Artificial Intelligence	B.Kalyani	CSE	Journal of Engineering Sciences
45.	"Removal Of Toxic Cr (Vi) From Polluted Water For Low-Cost Activated Carbon Using *Vernonia Cinneria*"	Oguri Sreedevi	Chemistry	Journal of Coastal Life Medicine

ORGANIZED WORKSHOPS AND SEMINARS

S. No.	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	A One Day Seminar on Emerging Research Trends in AI & IoT	15.11.2022	47	Mrs. P. Pratyusha, Asst.Prof, ECE Depatrment, Chirala Engineering College, Chirala.
2	A One Day Seminar on Entrepreneurship-Skill Development	02.12.2022	99	Dr. S. Murali Krishna, Professor Bomma Institute of Technology & Science, Khammam

3	A One Day Seminar on Women Entrepreneurship Development	02.12.2022	99	Mr. M. Nagaraju, Assistant Professor, Department of MBA, Chirala Engineering College, Chirala
4	A One Day Seminar on Nano Technology	20.12.2022	76	Mr.G. Jaya Paul, Assistant Professor, Department of Physics, Bapatla College of Arts and Science, Bapatla.
5	One Day Seminar on Research Ethics	28.12.2022	39	Dr. C. V.Lakshmi, Assistant Professor, Bapatla Engineering College, Bapatla
6	A One Day Seminar on Inter Disciplinary Research	22.02.2023	47	Dr. S. MuraliKrishna, Professor Bomma Institute of Technology & Science,Khammam
7	One Day Seminar on Current Research Trends in Blockchain Technology	23.02.2023	52	Mr. Santosh Chaluvadi Founder & CEO, Supraja Technologies
8	A One Day Awareness Programme on Intellectual Property Rights under KAPILA	27.02.2023	99	Sri. CH SREE RAMA LINGA PRASAD Examiner of Patents & Designs Intellectual Property Office, Chennai, Govt. of India
9	A One Day Awareness Programme on Intellectual Property Rights & Patent Filing	28.02.2023	99	Dr. G. Srinivasarao, Professor & HoD Narsaraopet Institute of Technology, Narsaraopet
10	A One Day Seminar on Researching Agile Methodologies and their Effectiveness in Software Development	01.03.2023	47	Mrs. P. Pratyusha, Asst.Prof, ECE Depatrment, ChiralaEngineering College, Chirala.
11	A One Day Seminar on Awareness on IETE Membership	07.03.2023	137	Dr. B. Rajasekhar, Chairman IETE ,Vijayawada
12	A Seminar on Career Development Programme	31.03.2023	76	DR. Jaya PrakashNarayana, I.A.S Founder-Loksatta Party Democratic Political Reformer
13	A Seminar on Introduction to Quantum Computing	12.04.2023	47	Dr. V. Balaji Assistant Professor, ANU, Guntur

S.No.		Title	Date		Count	Resource Person
14		A Five Days Hands-on Boot Camp on Ethical Hacking and Cyber Security & Next Followed By A 7 HRS Hackathon	24-04-2023 to 28-04-2023		105	Mr. Ch. Santosh, CEO, Supraja Technologies, Vijayawada
15		A One Day Research Seminar on Quantum Cryptography & Secure Communication	04.05.2023		47	Mrs. K. Bhagya Rani, Asst.Prof, ECE depatrment, Chirala Engineering College, Chirala.

ORGANIZED FACULTY DEVELOPMENT PROGRAMS

S.No.	Title of Faculty Development/ Training Program	Program Dates
1.	A One Week Faculty Development Program(FDP) on " Advanced VLSI Physical Design and Verification"	05-12-2022 to 09-12-2022
2.	A One week Faculty Development program on "EFFECT OF COVID-19 on EMPLOYMENT"	20-02-2023 TO 24-02-2023
3.	A One Day Administrative Training Program on "EQIPPING THE ADMINISTRATIVE STAFF WITH THE KNOWLEDGE OF ISO AND NAAC AUDITING"	17-03-2023

SOFT SKILLS AND LIFESKILLS PROGRAMS

S. No.	Name of the capacity development and skills enhancement program	Date of Implementation	Name of the Person
1.	An Eight Day CRT Training Program on 'Aptitude and Reasoning'	10.08.2022 to 18.08.2022	Mr. M.Venu Gopal 9347780318
2.	Training Program on 'An Authentic YOGA'	04.03.2023	Mrs D Sailaja
3.	An Orientation Program on 'Anti - Ragging'	21.09.2022	Smt. G. Vani 7095222022

STUDENTS OPTED FOR HIGHER EDUCATION

A total of **16** students opted for higher education

PLACEMENT DETAILS

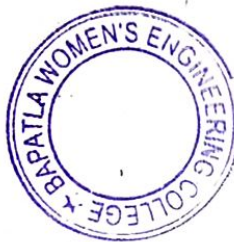| S. No.	Name of the Company/ Employer	No. of students placed
1.	Accenture	2
2.	Cadsys India Pvt Ltd	9
3.	Caprus IT	4
4.	Greenmed Technologies	6
5.	Just Dial	5
6.	Osi Systems Pvt. Ltd	5
7.	Publicis Sapient	1
8.	Stars Management	12
9.	Talent Pace	3
10.	TCS	10
11.	Vihanga Embed Soft	6
12.	Ypoint Analytics Pvt.Ltd	1
13.	Zaggle	4

INDUSTRIAL VISIT

No Industrial Visits

TRAINING PROGRAMS FOR NON-TEACHING STAFF

A One Day Administrative Training Program on "EQIPPING THE ADMINISTRATIVE STAFF WITH THE KNOWLEDGE OF ISO AND NAAC AUDITING" was organized on 17-03-2023 to non-teaching staff.

IQAC COORDINATOR

PRINCIPAL

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BAPATLA WOMEN'S ENGINEERING COLLEGE
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RESEARCH PUBLICATIONS

S. No.	Title of paper	Name of Author/s	Department of teacher	Name of Journal
1.	Low mutual coupling with dual-element MIMO system for sub-6 GHz 5G and WLAN applications	Kalyani Gumma	ECE	International Journal of Advance Research, Ideas and Innovations in Technology
2.	Design and Implementation of IoT Based Smart Health Monitoring System for Diabetic Patients Using Wireless Sensor Networks	Maha Lakshmi B	ECE	International Journal of Information Technology (IJIT)
3.	A System and Method for Human Eye Detection using Image Processing in MATLAB	Suneetha Emmela	ECE	Quest Journals Journal of Electronics and Communication Engineering Research
4.	Power Generation using Piezoelectric Effect	Suneetha Emmela	ECE	Quest Journals Journal of Electronics and Communication Engineering Research
5.	IOT Based Vehicle Parking Place Detection	R. Lavanya	ECE	Quest Journals Journal of Electronics and Communication Engineering Research
6.	Automatic Face Mask Detection and Temperature Scan Entry System	R Lavanya	ECE	IOSR Journal of Electronics and Communication Engineering(IOSR-JECE)
7.	Design of Chess board Using ARM 7	Bondalapati Sivakumari	ECE	International Journal of Information Technology

8.	Design of Wallace Tree Multiplier Using 15:4 Compressor In Terms of Power	Kolati Srilatha	ECE	International Journal of Research and Analytical Reviews
9.	Design and Parametric Evaluation of Kogge Stone Adder Using CMOS Logic and PTL interms of Delay and Area	Kolati Srilatha	ECE	International Journal of Research and Analytical Reviews
10	Prevention of Over Heating of Electronic Devices using IoT Based Temperature Controlled Fan	Emmela Sumalatha	ECE	Quest Journals Journal of Electronics and Communication Engineering Research
11.	Hybrid and Direct Logic Full Adder based Comparator using Micro wind	Mathi Bhavani	ECE	International Journal of Advances in Engineering & Technology
12	Design and Implementation of Wallace Tree Multiplier Using Parallel Prefix Adders	Mathi Bhavani	ECE	International Journal of Innovative Research in Technology
13.	Smart Door Lock System using IoT	A V Mutyalamma	ECE	IOSR Journal of Electronics and communication Engineering(IOSR-JECE)
14.	IoT Based on Plants Monitoring System Using NODEMUU	Turaka Sowmya	ECE	Quest Journals Journal of Electronics and Communication Engineering Research
15.	'Role Of Reducing Agent In Nano Particle Syntheses'	O.Sreedevi	Chemistry	An International Advanced Research Journal in Science, Engineering and Technology
16.	'Determination Of Xrd In Advanced Nano materials'	O.Sreedevi	Chemistry	An International Advanced Research Journal in Science, Engineering and Technology

No.	Title	Author	Department	Journal
17.	'Determination Of Wide Band Gap In Advanced Materials'	O.Sreedevi	Chemistry	An International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering
19.	"DC-DC converter in microgrid for voltage regulation and ripple reduction using Electric Spring technology"	P. Naga Lakshmi	EEE	International Journal of Power and Energy Systems
20	" ANFIS-GA based hybrid control method for enhancement of DC Microgrids using Electric Spring "	P. Naga Lakshmi	EEE	Mathematical Statistician and Engineering Applications
21.	"Electric Spring based Voltage Control of DC Microgrids using Intelligent Controllers"	P. Naga Lakshmi	EEE	International Journal of Intelligent Systems and Applications in Engineering
22.	"An Intelligent ANN Controller for DC-DC converter-based DC Series Electric springs in DC Microgrids"	P. Naga Lakshmi	EEE	International Journal of Integrated Engineering
23.	Effective Insurance Claim Fraud Detection And Analysis Using SVM and ECM Algorithms	Mrs. G. Venkateswari	CSE	journal of engineering sciences(JES)
23.	Effective Insurance Claim Fraud Detection And Analysis Using SVM and ECM Algorithms	Mrs. M. Anitha	CSE	journal of engineering sciences(JES)
24.	lagenaria siceraria preparation based on activated carbon for adsorption of $C_F(VI)$ from polluted water	Oguri Sreedevi	Chemistry	Journal of Coastal Life Medicine

ORGANIZED WORKSHOPS AND SEMINARS

S. No.	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	A One Day Seminar on Statistical Tools for Research	06.09.2021	40	Mrs. T. Sai Lakshmi, Asst.Prof, CSE Depatrment, St.Ann's College of Engineering & Technology, Chirala.
2	A One Day Seminar on Recent Trends on Antennas and its Applications in Electromagnetics for IoT & 5G Communications	08.09.2021	99	Sri. I. BalaKrishna, Deputy Director/Scientist,MeitY, Govt of India
3	A One Day Seminar on Data Interpretation and Report Writing	04.10.2021	48	Mrs. O. Sreedevi, HoD & Asst. Prof. Dept. of S & H, BWEC, Bapatla.
4	A One Day Seminar on How to Overcome Stress	02.12.2021	99	Dr. G. Nagesh, NIMHANS, Phycologist
5	A One Day Seminar on How to Improve Communication Skills	04.12.2021	99	MR. M. VijayaRama Raju, Director M.V.R Standard English Institution Bapatla
6	A One Day Seminar on Role of Mathematics in Modern Technology	19.03.2022	111	Mrs.V. LAVANYA, Assistant Professor, Department of Mathematics Bapatla Engineerig College, Bapatla.
7	One Day Workshop on Deep Learning for NLP	23.03.2022	54	Mrs. M. Bhargavi, Senior QA Engineer, BPM Links, Hyderabad.
8	A One Day Seminar on Computational Tools for Research in Engineering and Sciences	04.05.2022	40	Dr. S. Murali Krishna, Professor Bomma Institute of Technology & Science.
9	A Seminar on Unleashing Entrepreneurship: Opportunities in Society	12.05.2022	59	Mr. T. Krishna Sumanth Managing Director Geethika Sai Tiles And Sanitary

ORGANIZED FACULTY DEVELOPMENT PROGRAMS

S.No.	Title of Faculty Development/ Training Program	Program Dates
1.	A One day Administrative Training Program on "OFFICE MANAGEMENT"	07-10-2021
2.	A One week Faculty Development program on "DEVELOPING THE PROFESSIONAL ETHICS, VALUES AND COMMUNICATION SKILLS"	20-09-2021 to 24-09-2021
3.	Faculty Development program on "RESEARCH TRENDS IN VLSI, COMMUNICATION AND SIGNAL PROCESSING"	08-07-2021 to 10-07-2021

SOFT SKILLS AND LIFESKILLS PROGRAMS

S. No.	Name of the capacity development and skills enhancement program	Date of Implementation	Name of the Person
1.	A Seven Day CRT Training Program on 'Aptitude and Reasoning'	26.07.2021 to 01.08.2021(Online)	Mr.M.Venu Gopal 9347780318
2.	An Awareness Program on 'Meditation'	05.02.2022	Mrs. Manam Malleswari 8367333557
3.	An Awareness Program on 'Health & Hygiene'	30.11.2021	Dr. Kosuri Jyothi 8143726111

STUDENTS OPTED FOR HIGHER EDUCATION

A total of **5** students opted for higher education

PLACEMENT DETAILS

S. No.	Name of the Company/ Employer	No. of students placed
1.	Accenture	1
2.	Astra Microwave	1
3.	Atos Global	32
4.	Capgemini	2
5.	DAZN	1
6.	FACE PREP	15
7.	HCL	18
8.	IBM	2
9.	ILENSYS	9
10.	INFOSYS	5
11.	Mindtree	1
12.	NAV TECH Electronics	5
13.	Navstar Integrated Systems	1
14.	Pactera Edge	8
15.	TATA ELXSI	2
16.	TCS	1
17.	TEAM LEASE DIGITAL	1
18.	UNSCHOOL	5
19.	WIPRO	5
20.	Zensar Technologies	3

INDUSTRIAL VISIT

No Industrial Visits

TRAINING PROGRAMS FOR NON-TEACHING STAFF

A One day Administrative Training Program on "OFFICE MANAGEMENT" was organized on 07-10-2021 to non-teaching staff.

PRINCIPAL

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RESEARCH PUBLICATIONS

S. No.	Title of Paper	Name of Author/s	Department of teacher	Name of Journal
1.	Design of Single Precision Floating Point Arithmetic Logic Unit	M. Bhavani	ECE	International Journal of Engineering Research and Applications
2.	An Effective Smote Approach for Detecting Fake and Clone OSMN Accounts	Venkateswari Gavini	CSE	The International Journal for Analytical and Experimental modal Analysis
3.	An Effective Smote Approach for Detecting Fake and Clone OSMN Accounts	Anitha Meruga	CSE	The International Journal for Analytical and Experimental modal Analysis

ORGANIZED WORKSHOPS AND SEMINARS

S. No.	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	A Two days Virtual workshop on Design of Micro Strip Patch Antenna using HFSS	19.06.2020 & 20.06.2020	41	Dr. J. ChandraSekharRao, Associate Professor, ECE dept, Bapatla Engineering college, Bapatla.
2	A Two days Virtual Webinar on Recent Trends & Challenges in Signal & Image Processing	14.07.2020 & 15.07.2020	41	Dr. Ch. V. M. S. N. Pavan Kumar , Associate Professor, ECE dept, Sreevidyanikethan Engineering college

3	A One Day Seminar on The Power of Positive Thinking	12.02.2021	98	Mr. Nagesh.B, Senior Most Motivational speaker& Life Skills Coach
4	A One Day Seminar on Green Technologies for Sustainable Environment	13-02-2021	84	Mrs. K. PRAMEELA RANI, Lecturer, Department of Chemistry, Bapatla Polytechnic College, Bapatla.
5	A One Day Seminar on Industry Interaction with Experts	13.02.2021	99	Sri.I.BalaKrishna, Deputy Director/Scientist,MeitY, Govt of India
6	One-day Seminar on Higher Education and Research Opportunities in Computer Science	15.02.2021	57	Mr. G. Pratap Pristen Overseas Consultancy

ORGANIZED FACULTY DEVELOPMENT PROGRAMS

S.No.	Title of Faculty Development/ Training Program	Program Dates
1.	A One Week Faculty Development Program on "IoT & EMBEDDED SYSTEM"	08-12-2020 TO 12-12-2020
2.	A One week Faculty Development program on "WOMEN HEALTH AS A ROOT FOR SOCIETY EMPOWERMENT"	23-11-2020 TO 27-11-2020
3.	A One day Administrative Training Program on "BE SECURED VIA DIGITAL – AN EFFECTIVE WAY TO STORE DATA ON COMPUTER"	16-11-2020

SOFT SKILLS AND LIFESKILLS PROGRAMS

S. No.	Name of the capacity development and skills enhancement program	Date of Implementation	Name of the Person
1.	An Eight Day CRT Training Program on 'Aptitude and Reasoning'	26.12.2020 to 03.01.2021	Mr. P. Rajesh Kumar 7095400260
2.	An Online program on 'Yoga & Meditation'	02.09.2020	www.tiny.cc/yuvayoga

STUDENTS OPTED FOR HIGHER EDUCATION

A total of 2 students opted for higher education

PLACEMENT DETAILS

S. No.	Name of the Company/ Employer	No. of students placed
1.	HCL Technologies	21
2.	i LENSYS Technologies	5
3.	VERZEO	22
4.	WIPRO	6
5.	FACE PREP	5
6.	Tech Mahindra	9
7.	NAV TECH	3
8.	Syntel	3
9.	ZAGGLE	7
10.	TCS	5
11.	CAPGEMINI	3
12.	CAPRUS IT	8
13.	INFOSYS	3
14.	COGNIZANT	2
15.	ACCENTURE	2
16.	MINDTREE	2
17.	AEZION	1
18.	GTR TEK PRINI SOLUTIONS	1

INDUSTRIAL VISIT

No Industrial Visits

TRAINING PROGRAMS FOR NON-TEACHING STAFF

A One day Administrative Training Program on "BE SECURED VIA DIGITAL – AN EFFECTIVE WAY TO STORE DATA ON COMPUTER was organized on 16-11-2020 to non- teaching staff.

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RESEARCH PUBLICATIONS

S. No.	Title of Paper	Name of Author/s	Department of teacher	Name of Journal
1.	Detection And Prevention of Wheel Unbalancing And Tire Burst In Moving Vehicles	Dr. Dipak Ranjan Jana	ECE	International Journal of Innovative Technology And Exploring Engineering
2.	A System and method For Detection of Obstacles on Moving Vehicles on Either Side 360 degrees	Dr. Dipak Ranjan Jana	ECE	International Journal of Innovative Technology And Exploring Engineering
3.	Generation of Electricity Using Hydrogen Fuel Cells	Dr. Dipak Ranjan Jana	ECE	International Journal of Emerging Trends in Engineering Research (IJETER)
4.	Design and Implementation of N-Point FFT Processor For MIMO- OFDM systems using Radix-N	B. Mahalakshmi	ECE	International Journal of Engineering and Advanced Technology (IJEAT)
5.	Accident Predeiction and Crash Recovery by using Car Black Box	B. Mahalakshmi	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)
6.	A Novel Offset Feed Annular Ring Dielectric Resonator Antenna For Bandwidth Enhancement	G. Divya	ECE	International Journal of Engineering and Advanced Technology (IJEAT)

7.	Bandwidth enhancement of Tri-based Rectangular Dielectric Resonator Antenna using Novel Offset feed for WLAN/WIMAX Applications	G. Divya	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)
8.	Intoxicated/Sleepy Driver Detection On A Moving Car	E. Suneetha	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)
9.	Generation of Electricity Using Hydrogen Fuel Cells	E. Suneetha	ECE	International Journal of Emerging Trends in Engineering Research (IJETER)
10.	Layout Designing of Less Delay Full Adder By exploring new XOR and XNOR gates using 32mm Technology in Verilog	K. Srilatha	ECE	International Research Journal of Engineering And Technology(IRJET)
11.	Automated Elevator-an attentive elevator to elevate using Speech Recognition	K. Srilatha	ECE	International Research Journal of Engineering And Technology(IRJET)
12	Implementation of Low Area And Less Delay of various Multipliers Using Verilog	K. Srilatha	ECE	International Research Journal of Engineering And Technology(IRJET)
13.	The Design Of Ultra Wide Band Circular Monopole Antenna with triple band Notch Characteristics	G. Kalyani	ECE	International Journal of Future Generation Communication And Networking(IJFGCN)
14.	e-AGROBOT - A Robot For Early Crop Disease Detection Using Raspberry Pi	G. Kalyani	ECE	International Journal of Advanced Science And Technology-Sersc(IJAST)

15	Supervised Classification of Satellite image Processing using Neural Networks	K. Srilatha	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)
16.	Woman Safety System Using IoT	T. Sowmya	ECE	International Research Journal of Engineering And Technology(IRJET)
17.	A System and method For Detection of Obstacles on Moving Vehicles on Either Side 360 degrees	T. Sowmya	ECE	International Journal of Innovative Technology And Exploring Engineering
18.	Remote Health Monitoring, Home Automation And Alarm System Using Raspberry Pi	R. Lavanya	ECE	International Research Journal of Engineering And Technology(IRJET)
19.	Automatic Wireless Monitoring and Controlling of greenhouse using Multiple sensors	R. Lavanya	ECE	International Journal of Recent Technology and engineering (IJRTE)
20.	Detection And Prevention of Wheel Unbalancing And Tire Burst In Moving Vehicles	E. Sumalatha	ECE	International Journal of Innovative Technology And Exploring Engineering
21.	Generation of Electricity Using Hydrogen Fuel Cells	Emmela Sumalatha	ECE	International Journal of Emerging Trends in Engineering Research (IJETER)
22.	Detection And Prevention of Wheel Unbalancing And Tire Burst In Moving Vehicles	Emmela Sumalatha	ECE	International Journal of Innovative Technology And Exploring Engineering
23.	Accident Detection And Elegant Rescue System Using Android Time Location Tracking	E. Suneetha	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)

24.	Implementation of D Flip Flop using CMOS technology	K. Srilatha	ECE	IJTSRD
25.	Implementation of Smart restaurant with e-menu card	K. Srilatha	ECE	IJSER
26.	Implementation of Smart restaurant with e-menu card	B. Siva Kumari	ECE	IJSER
27.	Background Subtraction Method based smart Parking sysytem using image Processing	M. Bhavani	ECE	International Journal of Innovative Technology And Exploring Engineering(IJITEE)
28.	Smart Agriculture To Measure Humidity, Temperature, Moisture, pH And Nutrient Values of the Soil Using IoT	A.V Mutyalamma	ECE	International Journal of Engineering and Advanced Technology (IJEAT)
29.	Generation of Electricity Using Hydrogen Fuel Cells	A V Mutyalamma	ECE	International Journal of Emerging Trends in Engineering Research (IJETER)
30.	Dual filter Based images Fusion algarithm for CT and MRI medical images	P. Maadhurya	ECE	Journal of Engineering Sciences(Jes)
31.	Background Subtraction Method based Smart Parking System using Image Processing	M.Bhavani	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
32.	A Novel extension of the classical contextual multi-armed bandit with BCTS algorithm for online leaning in online AI related systems	M.Anitha	CSE	Journal of Information and Computer Science
33.	Adsorption Of Cr(Vi) From Polluted Water Using Activated Carbon Prepared From *Vinca Rose Apocynaceae'*	O.Sreedevi	Chemistry	International Journal of Advanced Science and Technology

34.	"Load and Energy Aware Adaptive Zone Routing Protocol for MANET"	N. Kavitha	CSE	IJAST (Scopus Indexed and free Journal).
35.	" Fuzzy based Scheduling and Load Balancing for Zone Routing Protocol (ZRP) in Mobile Ad Hoc Networks"	N.Kavitha	CSE	International Journal of Critical reviews
36.	Data Deduplication Strategies in Cloud Computing	B.Haritha	CSE	International Journal of Innovative Science And Research Technology
37.	A Detail Machine Learning Analysis with Automated Clone Validation Integrated clone code detection System	G.Venkateswari	CSE	The International Journal for Analytical and Experimental modal Analysis
38.	Data Deduplication Strategies in Cloud Computing	Md.Jareena Begum	CSE	International Journal of Innovative Science And Research Technology
39.	A Comprehensive Analysis On Industrial Networking Cyber Security Issues Based on LI-FI With Green Cloud Computing	Md.Jareena Begum	CSE	Journal Information and Computational Science
40.	A Detail Machine Learning Analysis with Automated Clone Validation Integrated clone code detection System	Y.S.Krupamai	CSE	The International Journal for Analytical and Experimental modal Analysis
41.	A Comprehensive Analysis On Industrial Networking Cyber Security Issues Based on LI-FI With Green Cloud Computing	Y.S.Krupamai	CSE	Journal Information and Computational Science

42.	An Efficient Study on Graduate Students academic Progress prediction in India using Machine Learning Methodologies	I.Bhavana	CSE	Journal of Information and Computational Science
44.	A Comprehensive Analysis On Industrial Networking Cyber Security Issues Based on LI-FI With Green Cloud Computing	M.Rishitha	CSE	Journal Information and Computational Science
45.	Adsorption Of Cr(Vi) From Polluted Water Using Activated Carbon Prepared From *Vernoniacinneria*	O.Sreedevi	Chemistry	An International Journal of Advanced Science and Technology

ORGANIZED WORKSHOPS AND SEMINARS

S. No.	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	A Two Days workshop on Electronics Circuit Design by using PCB	06.09.2019 to 07.09.2019	73	Dr. G. Srinivasarao Professor & HoD Narsaraopet Institute of Technology,Narsaraopet
2	A Three Days workshop on IoT Design using Arduino UNO	11.09.2019 to 13.09.2019	53	Dr.G.Srinivasarao Professor &HoD Narsaraopet Institute of Technology,Narsaraopet
3	Seminar on Research and Domain Insights on IoT	30.09.2019	92	Mr. Ramji IOT Developer, Brainovision Solutions India Pvt.Ltd
4	A One Day workshop on Advancement in Applications of Robotics	16.11.2019	82	Mr. P. Pardhasaradhi, Assistant Professor, Department Of Mechanical Engineering, Bapatla Engineering College, Bapatla
5	A One Day Seminar On Innovative Approaches To Education In The Private Higher Education Sector	07.12.2019	60	K.S hiva Senior Manager, Pristen overseas Consultancy vijayawada

6	A Seminar on Research Issues of AI in Education	14.02.2020	54	Mr. K. Mani Deep, Asst. Prof. Bapatla Engineering College, Bapatla
7	A One Day Seminar on Research Ethics and Integrity	14.03.2020	42	Mrs. D. Urlamma, Asst.Prof, CSE Department, V.N.R College of Engineering,Ponnur
8	A One Day Awareness Programme on Importance of IPR in Modern Global Economic Environment	27.04.2020	19	Sri.I.BalaKrishna, Deputy Director/Scientist,MeitY, Govt of India

ORGANIZED FACULTY DEVELOPMENT PROGRAMS

S. No.	Title of Faculty Development / Training program	Program Dates
1	Five Day Faculty Development Program on "EMERGING TECHNOLOGIES IN COMPUTER SCIENCE"	18-11-2019 to 22-11-2019
2	Five Day Faculty Development Program On "DIGITAL LEARNING"	09-03-2020 to 13-03-2020
3	One Day Training Program on " MICROSOFT EXCEL"	19-02-2020

SOFT SKILLS AND LIFESKILLS PROGRAMS

S. No.	Name of the capacity development and skills enhancement program	Date of Implementation	Name of the Person
1.	A One Week CRT Training Program on 'Aptitude and Reasoning'	16.12.2019 to 22.12.2019	Mr N.Trinesh 9398651950
2.	An Awareness Program on 'Meditation'	23.01.2020	Mrs. Manam Malleswari 8367333557
3.	An Awareness Program on '5K Run'	02.11.2019	Lt. Dr. Ch. Manikya Rao 9440128555

STUDENTS OPTED FOR HIGHER EDUCATION

A total of 2 students opted for higher education

PLACEMENT DETAILS

S. No.	Name of the Company/ Employer	No. of students placed
1.	ACCENTURE	1
2.	CAPGEMINI	9
3.	DXC Technology	5
4.	DXC Technology India Private Limited	2
5.	GENPACT INDIA PVT.LTD	8
6.	HCL Technologies	18
7.	Legato Health Technologies LLP	1
8.	NCS GROUP	12
9.	NTT DATA	14
10.	Satven Venture	1
11.	TCS	1
12.	WIPRO	11
13.	ZENSAR TECHNOLOGIES	6

INDUSTRIAL VISIT

S. No	Course	Year/ Semester	Place Visit	Duration	Number of Students attended
1.	B.Tech	IV/I	Sathish Dhavan Space Centre , Sriharikota	18-09-2019	93

TRAINING PROGRAMS FOR NON-TEACHING STAFF

One Day Training Program on "MICROSOFT EXCEL" was organized on 19-02-2020 for non-teaching staff

PRINCIPAL

PRINCIPAL
BAPATLA WOMEN'S ENGINEERING COLLEGE
BAPATLA

ANNUAL REPORT
2018-19

𝔅apatla 𝔚omen's 𝔈ngineering 𝔆ollege

BAPATLA -522101. Guntur (Dist.),A.P.
(Sponsored by The Bapatla Education Society)
Approved by AICTE-New Delhi, Affiliated to Acharya Nagarjuna University

RESEARCH PUBLICATIONS

S. No.	Title of Paper	Name of author/s	Department of teacher	Name of Journal
1.	Design And Implementation Of Parallel FFT Processor For LTE Systems Using Radix-2	B.Maha Lakshmi	ECE	International Journal of Management Technology and Engineering (IJMTE)
2.	Design And Implementation Of 64 Bit MDC Based FFT Processor For MIMO-OFDM System	B.MahaLakshmi	ECE	International Journal of Management Technology and Engineering (IJMTE)
3.	Design and Implementation of 16-Bit Baugh-Wooley Multiplier	B.MahaLakshmi	ECE	SSRG International Journal of Electronics and Communication Engineering (SSRG – IJECE)
4.	Implementation of Digital Power Saver	M. Bhavani	ECE	International Journal Of Engineering Techniques
5.	Aperture Coupled Cylindrical DRA with rectangular Parasitic Element for Gain Improvement	G. Divya	ECE	International Research Journal Of Engineering And Technology(IRJET)
6.	A study On The Writing Skills Of Morrison'	K.Krishna Kumari	English	Journal of Advances And Scholarly Researches in Allied Education

7.	Adsorption Of Cr(Vi) From Polluted Water Using Activated Carbon Prepared From *Vinca Rose Apocynaceae'*	O.Sreedevi	Chemistry	An International Journal of Innovative Technology and Exploring Engineering
8.	Design and Implementation of 16-Bit Baugh-Wooley Multiplier	M.Bhavani	ECE	SSRG International Journal of Electronics and Communication Engineering (SSRG – IJECE)
9.	Survey Paper On "Extensive Survey of Hybrid Routing Protocols in MANET"	N.Kavitha	CSE	International Journal of Engineering Research in Computer Science and Engineering
10.	"Advanced and Distributed Relative Segment and Opportunistic Routing for Congestion Control and Traffic Management in MANET"	N.Kavitha	CSE	Journal of Adv Research in Dynamical & Control Systems (Scopus Indexed and free Journal)
11.	'Determination Of Olanzapine With Ddq By Charge Transfer Complication Using Uv Spectrophotometric Method'	O.Sreedevi-2	Chemistry	An International organization of Science and Research
12.	'Determination Of Olanzapine With Ddq By Charge Transfer Complication Using Uv Spectrophotometric Method'	G.Dilli Rani-1	Chemistry	An International organization of Science and Research

ORGANIZED WORKSHOPS AND SEMINARS

S. No.	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1	A One Day Seminar on Orientation on Research	09.10.2018	46	Dr. G. Srinivasarao Professor, Lakireddy Balireddy College Of Engineering, Mylavaram
2	A One Day Seminar On How to Write a Research Paper Using Latex	10.10.2018	53	Dr. S. Murali Krishna, Principal, Bommainstitute Of Technology And Science, Khammam.
3	A One Day Awareness Programme on Developing Effective Communication Skills for Better Employability	13.10.2018	90	Dr. G. Srinivasarao Professor & HoD Narsaraopet Institute of Technology, Narsaraopet
4	A One Day Seminar on A Journey to the Research	03.11.2018	46	T. Sai Lakshmi, Asst.Prof,Cse Depatrment, Bapatla Arts &Science College,Bapatla.
5	A One day Seminar on English is the right platform to Develop Communication	10.12.2018	105	Dr. Ramavajhala Obuleswara Sarma, Communication Triner
6	A One Day Seminar on Make in India with special reference to IPR	11.02.2019	19	Mr. K. Shiva, Manager,IPR, Govt.Of India
7	A One day Seminar on Research Methodologies	16.02.2019	46	Mrs. D. Urlamma, Asst.Prof, CSE Department, V.N.R College of Engineering,Ponnur.

ORGANIZED FACULTY DEVELOPMENT PROGRAMS

S.No.	Title of Faculty Development / Training program	Program Dates
1	Five Day Faculty Development Program on "MICROSOFT AZURE"	13-11-2018 to 17-11-2018
2	Five Day Faculty Development Program on "OUTCOME BASED EDUCATION, BLOOOMS TAXONOMY".	22-04-2019 to 26-04-2019
3	One day Training Program on "BASIC COMPUTER SKILLS" for Non-Teaching Faculty.	29-03-2019

SOFT SKILLS AND LIFESKILLS PROGRAMS

S. No.	Name of the capacity development and skills enhancement program	Date of Implementation	Name of the Person
1.	A One Week CRT Training Program on 'Aptitude and Reasoning'	22.10.2018 to 28.10.2018	Mr. Bhasha 9949603522
2.	A Training Session on 'Physical Fitness'	21.01.2019	Mr. D. Rama Rao 7095468556
3.	A Live Interaction Session on 'Stress Management'	11.09.2018	Dr. Sandeep 9912562573

STUDENTS OPTED FOR HIGHER EDUCATION

A total of 2 students opted for higher education

PLACEMENT DETAILS

S. No.	Name of the Company/ Employer	No. of students placed
1.	ACCENTURE	12
2.	Capgemini	1
3.	Face Prep	7
4.	HCL	2
5.	HCL Technologies	2
6.	INFOSYS	1
7.	NTT Data Services	4
8.	TCS	13
9.	THRYVE DIGITAL HEALTH LLP	17
10.	Verzeo	25

INDUSTRIAL VISIT

No Industrial Visits

TRAINING PROGRAMS FOR NON-TEACHING STAFF

One day Training Program on "BASIC COMPUTER SKILLS" was organized on 29-03-2019 for Non-Teaching Faculty

Ch. M. Devi

PRINCIPAL