



## VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

An ISO 9001:2015 Certified Institute, Approved by AICTE, Affiliated to JNTU Kakinada, AP

Phone: 0866-2844444, Email: [vijayatechfw@gmail.com](mailto:vijayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)

College Code: NP, Enikepadu, Vijayawada-521108

Programs organized by the institution has been highlighted in the annual reports

S.NO	PARTICULARS	PAGE NUMBERS
01	Annual report for the A.Y 2022-23	01-15
02	Annual report for the A.Y 2021-22	16-21
03	Annual report for the A.Y 2020-21	22-26
04	Annual report for the A.Y 2019-20	27-31
05	Annual report for the A.Y 2018-19	32-36

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# ANNUAL REPORT

## 2022-23

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College Code: NP, Enikepadu, Vijayawada-521108.

### RESEARCH PUBLICATIONS

S.No	Title of Paper	Name of the author/s	Department of The teacher	Name of Journal
1	An In-Depth Analysis of Distributed Denial-of-Service Attacks, Their Varieties, and the Countermeasures Employed in the IoT Network	S. Ramyal G. Jyostna A. Saipujitha, Y.V.K. Durga Bhavani <sup>1,2</sup>	IT	International Journal for Modern Trends in Science and Technology
2	Techniques based on machine learning that determine which path offers the best routing for data packets in a local area network	A. Pratap, Y. Sirisha, S. Ramya, D. Anusha	IT	International Journal for Modern Trends in Science and Technology
3	Analysis of the Plant's Leaves for Signs of Disease	Ch. V. Rao, G. Jyostna, Y. Vijaya, G. Ashok	IT	International Journal for Modern Trends in Science and Technology
4	Recognizing the Feelings Behind Someone's Voice in Practice	Y. Vijaya, Ch. V. Rao, A. Pratap, B. Saadhiya Tabassum	IT	International Journal for Modern Trends in Science and Technology
5	The Use of Artificial Intelligence to Improve Agriculture and Crop Management	Dr. Sanjeev Kumar M. Hatture Y.V.K. Durga Bhavani, MathaKousalya Devi	IT	International Journal for Modern Trends in Science and Technology
6	Decoder and Multiplexer Comparison with Mixed Logic and CMOS Logic with 90nm Technology	P. Kishore Babu, K. Anji Babu, Ch. V. Rao	IT	International Journal of Research Publication and Reviews
7	An Efficient Spam Detection On IOT Devices Using Machine Learning	CH.V.RAO Ch. Drakshayani K. Tejaswi L. Hima Gayathri L. Tejaswini	IT	Industrial Engineering Journal

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8	Movie Recommendation Using KNN	P. Ayesha M. Rishitha M. Bhavyasri O. Maheswari	IT	Industrial Engineering Journal
9	Phishing Website Detection using Machine learning models	A Prathap	IT	Industrial Engineering Journal
10	Securing Data with Block-Chain and AI	Ch. L. Sowjanya S. Chandana V. Suharshitha V. Ashmitha	IT	Industrial Engineering Journal
11	Crop Yield Prediction Using ML	P. Jyothsna D. Aruna K. Divyasri	IT	Industrial Engineering Journal
12	Fake Account detection using machine learning	Y Sireesha K. Swathi Ch. V. Navya S. Bhavani V. Yesaswi	IT	Industrial Engineering Journal
13	A Remarkable Structure To Ensure The Saffety Of Medical Documents While Allowing Adaptable Access Control	T. Shalini CH. Deepika, T. Karuna Latha, P. Madhavi	CSE	International Journal of Modern Trends in science & technology
14	Constructing an Image Caption Generator with the use of CNN and LSTM	Dr. V. Suma Avani, P. Madhavi, J. Himabala, Y. LAKSHMI DURGA	CSE	International Journal of Modern Trends in science & technology
15	A Method for Estimating the Likelihood of receiving a loan approval that is primarily based on the machine learning	Y. Lakshmi Durga, Dr. V. Suma Avani, M. Vijay Kumar, M. Lakshmi Prasanna	CSE	International Journal of Modern Trends in science & technology
16	Effective Scanners for Identifying Malware on Android Devices	J. Kannamma, D. Vijaya Kumari, J. Himabala, T. Karuna Latha	CSE	International Journal of Modern Trends in science & technology

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17	Investigation into a Management System for Key Combinations, Centered Around Identity Authentication	P.Madhavi, CH.Deeepika, J.Kannamma, Salma Samreen	CSE	International Journal of Modern Trends in science & technology
18	Using Random Forest and the cart Algorithm	T.Karuna Latha, J.Hymavathi, M. Lakshmi Prasanna, D. Vijaya Kumari	CSE	International Journal of Modern Trends in science & technology
19	An investigation on the use of Machine Learning to make predictions Regarding medical records	J.Hymavathi, Dr.A.C. Priya Ranjani, Salma Samreen, J.Kannamma	CSE	International Journal of Modern Trends in science & technology
20	Analysis Of Driver Drowsiness Detection Using Sensor Data By Machine Learning Techniques	Ms D. Anitha 1 Ms. S. Mythrika 2 Ms. S. Lavanya 3 Ms. K. Meghana 4 Ms. T. Shalini	CSE	IEJ
21	Enhanced behaviour of the adaptive Neuro-Fuzzy Interference system(ANFIS) algorithm in comparison to artificial neural networks (ANN) in the use of geo electrical resistivity data	I. k. Anitha, Y.Rama devi, J.Bhagya lakshmi.	SCIEN CE & HUMA NITIES	International Journal
22	Challenges and Opportunities presented by the application of Financial Mathematics to the stock Market	Y.Sri lakshmi, Dr.V. Raghava lakshmi, V.Revathi, Y.Madhavi	SCIEN CE & HUMA NITIES	International Journal
23	Feminist Study of A Room of One's Own by Virginia Woolf	G.Esther shanthi, CH.Sri lakshmi	SCIEN CE & HUMA NITIES	International Journal



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24	A study of Mutual Funds with Preference for the Banking sector (NSE)	Dr. G. Madhu Sri, Dr. P. Subbaiah, K. Swaroop, T. Leela Bhanu	MBA	International Journal of Modern Trends in science & technology
25	Sales Technology - An Undeniable Need	Dr. P. Subbaiah, T. Leela Bhanu, K. Sai Sowjanya K.Swaroop,	MBA	International Journal of Modern Trends in science & technology
26	An Examination of the Volatility of the Equity Shares of Chosen Cement Companies traded on the National Stock Exchange	K. Swaroop, Dr. G. Madhu Sri, T. Leela Bhanu, K. Sai Sowjanya	MBA	International Journal of Modern Trends in science & technology
27	A Study on the Role of Finance in Logistics Management with reference to Tamilnadu State Road Transport of India	Dr. P. Subbaiah, Dr. G. Madhu Sri, K. Sai Sowjanya, K. Swaroop	MBA	International Journal of Modern Trends in science & technology
28	Employee Welfare Measures in Bharat Heavy Electronics Limited (BHEL) with reference to Ramachandrapuram, Hyderabad.	T. Leela Bhanu, Dr. P. Subbaiah, Dr. G. Madhu Sri, K. Sai Sowjanya.	MBA	International Journal of Modern Trends in science & technology
29	Chemical Detection For Land Mining Using Remote Sensing Based Deep Learning	Murali Kalipindi	AIML	European Chemical Bulletin
30	Automatic speaker recognition that is not based on the presence of text utilizing machine learning	P.Silpa V.Deva sahayam M.Saranya Ch.Kamala Kumari K.P.Prasanna Kumar	ECE	International journal for modern trends in science and technology
31	Deep learning for the purpose of speech and motion recognition	Dr.G.Chenchamma P.N.V.Siva Kumar P.Silpa E.Ravi kumar	ECE	International journal for modern trends in science and technology



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32	Machine learning-based methods for the detection and prevention of plant diseases	Dr.G.Chencham ma M.Saranya K.Raja Rajeswari N.Naveen Sagar	ECE	International journal for modern trends in science and technology
33	Tracking Your location using your node MCU without using a GPS module	P.Jashua E.Ravi kumar G.Anusha Ch.Kamala Kumari M.Aruna Jyothi	ECE	International journal for modern trends in science and technology
34	Cloud-based innovative agricultural service platform that makes use of LoRa	V.Deva sahayam P.Jashua M.Sarnaya N.Naveen Sagar Rahamatunnisa	ECE	International journal for modern trends in science and technology
35	Micro Strip Patch Antenna of 4.4 GHz Frequency Designed for Drone Application	M.Saranya B.Jyothi K.Raja Rajeswari N.Naveen Sagar Ch.Kamala Kumari	ECE	International journal for modern trends in science and technology
36	Health care Automation in Compliance to Industry 4.0 standards ; A Case Study of Liver Disease Prediction	M.D Venkata S.Lingamgunta K.Murali	ECE	journal of Science & Industrial Research
37	Synthesis of Elliptical Antenna Array using Hybrid SSWOA Algorithm	S.Rathna Spandana Anusha.D Prabhakar.D Srinivas.K	ECE	Vel Tech Rangaraja n Dr Sagunthala R&d Institute of Science and Technology
38	Use Of Radiation Circuits For Diagnosis Of Melanoma Skin Cancer In Images Of Skin Lesions Using Convolutional Neural Networks	G.Chenchamma Abdhulsattar	ECE	Hindawi Journal of Nanomaterials

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### FACULTY ATTENDED CONFERENCES

S.NO	Name of the Faculty	Title of the Paper	Name of the Conference
1	Y V K Durga Bhavani	IoT and Cloud based Face detection application design for Surveillance systems using Deep Learning	International Conference on Cloud and Big Data Computing
2	Charan Sai Tiruvuri Kalyan Dusarlapudi Kattupalli Sudhakar J.S.V.Gopala Krishna A.C.Priya Ranjani Palleli Prudhvi Venkata Sai	The Dashboard Infrastructure of Electric Vehicles with IoT and Wireless Power Transfer System	2023 international Conference on intelligent and innovative technologies in Computing, Electrical and Electronics(IICCEE)
3	G. Dilip, B.Prabha, K.Murali, K.Prasuna, Sri.Vatsav, Sai, A.Sowmika	Robust image watermarking using the social group optimization algorithm	Materials Today: Proceedings
4	R.Bhavani,Muni,T .Vijay,Tata,Ravi kumar,Murali.K	Deep Learning Techniques For Speech Emotion Recognition	International Conference On Futuristic Technologies, INCOFT
5	Prasuna.K Murali. K	Novel Technique for Identification of False Coconuts to Avoid Genetic Diseases Using Classifiers	5th International Conference on Intelligent Computing and Communication, ICIC C 2021
6	S. Ramya G. Jyostna A. Saipujitha Y.V.K. Durga Bhavani I	An In-Depth Analysis of Distributed Denial-of-Service Attacks, Their Varieties, and the Countermeasures Employed in the IoT Network	International Conference On Electrical Electronics Computing and Management systems-2022
7	A. Pratap Y. Sirisha S. Ramya D. Anusha	Techniques based on machine learning that determine which path offers the best routing for data packets in a local area network	International Conference On Electrical Electronics Computing and Management systems-2022
8	Ch. V. Rao, G. Jyostna, Y. Vijaya, G. Ashok	Analysis of the Plant's Leaves for Signs of Disease	International Conference On Electrical Electronics Computing and Management systems-2022





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9	Ch. V. Rao, G. Jyostna, Y. Vijaya, G. Ashok	Recognizing the Feelings Behind Someone's Voice in Practice	International Conference On Electrical Electronics Computing and Management systems-2022
10	T. Shalini CH. Deepika, T. Karuna Latha, P. Madhavi	A Remarkable Structure To Ensure The Safety Of Medical Documents While Allowing Adaptable Access Control	International Conference On Electrical Electronics Computing and Management systems-2022
11	Dr. V. Suma Avani, P. Madhavi, J. Himabala, Y. Lakshmi Durga	Constructing an Image Caption Generator with the use of CNN and LSTM	International Conference On Electrical Electronics Computing and Management systems-2022
12	Y. Lakshmi Durga, Dr. V. Suma Avani, M. Vijay Kumar, M. Lakshmi Prasanna	A Method for Estimating the Likelihood of receiving a loan approval that is primarily based on the machine learning	International Conference On Electrical Electronics Computing and Management systems-2022
13	J. Kannamma, D. Vijaya Kumari, J. Himabala, T. Karuna Latha	Effective Scanners for Identifying Malware on Android Devices	International Conference On Electrical Electronics Computing and Management systems-2022
14	P. Madhavi, CH. Deepika, J. Kannamma, Salma Samreen	Investigation into a Management System for Key Combinations, Centered Around Identity Authentication	International Conference On Electrical Electronics Computing and Management systems-2022
15	T. Karuna Latha, J. Hymavathi, M. Lakshmi Prasanna, D. Vijaya Kumari	Using Random Forest and the Cart algorithm to Detect Fraudulent Use of credit Cards	International Conference On Electrical Electronics Computing and Management systems-2022
16	J. Hymavathi, Dr. A. C. Priya Ranjani, Salma Samreen, J. Kannamma	An investigation on the use of Machine Learning to make predictions Regarding medical records	International Conference On Electrical Electronics Computing and Management systems-2022
17	k. Anitha, Y. Rama devi, J. Bhagya lakshmi.	Enhanced behaviour of the adaptive Neuro- Fuzzy Interference system (ANFIS) algorithm in comparison to artificial neural networks (ANN) in the use of geo electrical resistivity data	International Conference On Electrical Electronics Computing and Management systems-2022



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18	Y.Sri lakshmi, Dr.V. Raghava lakshmi, V.Revathi, Y.Madhavi	Challenges and Opportunities presented by the application of Financial Mathematics to the stock Market	International Conference On Electrical Electronics Computing and Management systems-2022
19	Dr. G. Madhu Sri, Dr. P. Subbaiah, K. Swaroop, T. Leela Bhanu	A study of Mutual Funds with Preference for the Banking sector (NSE)	International Conference On Electrical Electronics Computing and Management systems-2022
20	K. Swaroop, Dr. G. Madhu Sri, T. Leela Bhanu, K. Sai Sowjanya	An Examination of the Volatility of the Equity Shares of Chosen Cement Companies traded on the National Stock Exchange	International Conference On Electrical Electronics Computing and Management systems-2022
21	Dr. P. Subbaiah, Dr. G. Madhu Sri, K. Sai Sowjanya, K. Swaroop	A Study on the Role of Finance in Logistics Management with reference to Tamilnadu State Road Transport of India	International Conference On Electrical Electronics Computing and Management systems-2022
22	T. Leela Bhanu, Dr. P. Subbaiah, Dr. G. Madhu Sri, K. Sai Sowjanya.	Employee Welfare Measures in Bharat Heavy Electronics Limited (BHEL) with reference to Ramachandrapura m, Hyderabad.	International Conference On Electrical Electronics Computing and Management systems-2022
23	V.Deva sahayam P.Jashua Naveen Sagar G.Anusha M.syamili Md.Zaheer Fathima	Techniques for converting sign language and spoken words into text using raspberry Pi	International Conference On Electrical Electronics Computing and Management systems-2022
24	V.Deva sahayam S.Ratna Spandana P.Silpa E.Ravi kumar M.Kusuma Kumari	IOT based parking space detection system employing android software	International Conference On Electrical Electronics Computing and Management systems-2022
25	Dr.G.Chencham ma M.Saranya K.Raja Rajeswari N.Naveen Sagar	Machine learning-based methods for the detection and prevention of plant diseases	International Conference On Electrical Electronics Computing and Management systems-2022
26	P.Jashua E.Ravi kumar G.Anusha Ch.Kamala Kumari M.Aruna Jyothi	Tracking Your location using your node MCU without using a GPS module	International Conference On Electrical Electronics Computing and Management systems-2022
27	V.Deva sahayam P.Jashua M.Sarnaya N.Naveen Sagar Rahamatunnisa	Cloud-based innovative agricultural service platform that makes use of LoRa	International Conference On Electrical Electronics Computing and Management systems-2022



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28	M.Saranya B.Jyothi K.Raja Rajeswari N.Naveen Sagar Ch.Kamala Kumari	Micro Strip Patch Antenna of 4.4 GHz Frequency Designed for Drone Application	International Conference On Electrical Electronics Computing and Management systems-2022
29	Dr.G.Chencham ma P.N.V.Siva Kumar P.Silpa E.Ravi kumar	Deep learning for the purpose of speech and motion recognition	International Conference On Electrical Electronics Computing and Management systems-2022
30	P.Silpa V.Deva sahayam M.Saranya Ch.Kamala Kumari K.P.Prasanna Kumar	Automatic speaker recognition that is not based on the presence of text utilizing machine learning	International Conference On Electrical Electronics Computing and Management systems-2022
31	Suma Avani.v	Human Emotion Recognition Based On EEG Signal Using Deep Learning Approach	11th International Conference on Recent Trends in Computing, ICRTC 2022

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### ORGANIZED FACULTY DEVELOPMENT PROGRAMMES

S.NO	FDP TITLE	DATE	NO OF PARTICIPANTS
1	A One Week Faculty Development Program On "CURRENT TRENDS IN NONMATERIAL'S AND IT'S APPLICATIONS"	13-03-2023 to 18-03-2023	2
2	A One Week Faculty Development Program On "MONGODB AND NOSQL DATABASES"	06-02-2023 to 11-02-2023	7
3	A One Week Faculty Development Program on "HEALTH CARE & BIO-MEDICAL DATA PROCESSING USING AI"	02-01-2023 to 06-01-2023	5
4	A One Week Faculty Development Program on "MEDICAL IMAGE ANALYSIS USING PYTHON"	24-10-2022 to 29-10-2022	4
5	A One Week Faculty Development Program on "PYTHON FULL STACK DEVELOPMENT"	22-08-2022 to 27-08-2022	6
6	A One week FDP on "EXPLORING INNOVATIONS IN APPLICATIONS OF MATHEMATICS"	08-08-2022 to 13-08-2022	4
7	A One Week Faculty Development Program On "APPLICATIONS OF CRYPTOGRAPHY IN CYBER WORLD"	02-08-2022 to 06-08-2022	13
8	A Five Day Faculty Development Program on "RESEARCH METHODOLOGY AND DATA ANALYSIS"	25-07-2022 to 29-07-2022	6
9	A One Week Day Faculty Development Program on "DATA ANALYSIS USING PYTHON"	11-07-2022 to 16-07-2022	6
10	A One Week National Level Online Faculty Development Program On "OUTCOME BASED EDUCATION"	09-07-2022 to 13-07-2022	15





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11	A Five Day Workshop on "FOSTERING CREATIVE THINKING & INNOVATION FOR ENTREPRENEURSHIP DEVELOPMENT"	21-06-2022 to 25-06-2022	5
12	A One Week Faculty Development Program on "GENERATIVE AI IN CYBER SECURITY"	20-06-2022 to 24-06-2022	4
13	A One Week Faculty Development Program on " ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS"	06-06-2022 to 11-06-2022	9

### SOFT SKILLS & LIFE SKILLS PROGRAMMES

S.NO	Name of the capacity development and skills enhancement programme	Date of implementation	Name of the person
1	CODING TECHNIQUES in JAVA	06-02-2023 to 20-02-2023	D.SUBBARAO Technical Trainer Xplore Solutions.

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### WORKSHOPS/SEMINARS/CONDUCTED ON R&D, IPR AND EDC CELL

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A ONE DAY WORKSHOP ON HOW TO CREATE STATISTICAL INFERENCE	02.05.2023	Dr.U.Gangadhara Rao Asst.Prof, Aliet,Dept Of MBA	27
2	A ONE DAY WORKSHOP ON THE INTERFACE BETWEEN DESIGN AND COPYRIGHT LAWS	20.03.2023	Dr. S.Venkateswara Rao, M.Pharm, Ph.D, Professor & HoD ,Dept of Pharmaceutics, Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada.	29
3	A ONE DAY SEMINAR ON RESEARCH METHODOLOGY AND DATA ANALYSIS	13.03.2023	Mr.T.Anil Karuna Kumar Asst.Prof, Narayana Engineering College,Gudur.	24
4	A ONE DAY SEMINAR ON THE JOY OF RESEARCH TOOLS AND TECHNIQUES FOR RESEARCH	13.02.2023	Dr.K.Murali, Associate Professor, HOD Department of AI&ML, VITW college of Technology,Enikepadu,Vijayawada.	27
5	A NATIONAL SEMINAR ON IPR AND ECONOMIC DEVELOPMENT	23.01.2023	Mr.T.Venkata Ratnam Asst.Prof, Mvr College,Paritala.	26
6	A ONE DAY WORKSHOP ON ENTREPRENEURSHIP-AS-A-VIABLE-LONGTIME SOLUTION TO UNEMPLOYMENT	03.01.2023	Mrs.M.Ramya Tanaya Asst.Prof, Pscmr	30
7	A ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS ON PATENTS, COPYRIGHTS AND TRADEMARKS	21.11.2022	Dr.Mamillapalli Vani,M.Pharm, P.hd, HOD, Dept Of Pharmaceutical Chemistry & Phytochemistry, Vijaya Institute Of Pharmaceutical Sciences, Vijayawada	30
8	A ONE DAY WORKSHOP ON HOW TO WRITE A GOOD RESEARCH PAPER	11.11.2022	Mrs.P.Naga Lakshmi Research Scholar, KL Deemed To Be University, Guntur.	27
9	A ONE DAY SEMINAR ON THE INNOVATION AND IPR	07.09.2022	Dr.P.Subbaiah, Associate Professor, HOD of MBA, VITW college of Technology,Enikepadu,Vijaywada.	44
10	A ONE DAY SEMINAR ON APPLICATIONS OF DATA MINING	30.08.2022	Dr.A.Radhika Assoc.Prof Dept Of CSE, SRK Institute Of	31

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			Technology.	
11	A ONE DAY SEMINAR ON AWARENESS PROGRAM ON INTELLETUAL PROPERTY RIGHTS	29.08.2022	Mr.D.Vasu	30
12	A ONE DAY SEMINAR ON AWARENESS ON STARTUPS ITS SETUP PROCESS	12.08.2022	Mr.P.Guru Prasad Asst.Prof PB Siddharatha College Of Arts & Science.	30
13	A SEMINAR ON EMERGING TRENDS IN ENTREPRENUERSHIP	11.08.2022	Mrs.Jyostna Banduru Founder Of Pure Mushrooms,Vijayawada.	30
14	A ONE DAY SEMINAR ON CURRENT ISSUES IN INTELLECTUAL PROPERTY RIGHTS IN INDIA	30.07.2022	Mr.B.Hari Asst.Prof, Dept Of Business Administration,VR Siddharatha Engineering College.	29
15	A ONE DAY SEMINAR ON ENTREPRENEURSHIP SELF DEVELOPMENT	19.07.2022	Mrs.Radhika President,COWE India.	30
16	A ONE DAY SEMINAR ON CAREER GUIDANCE AND ENTREPRENEURSHIP DEVELOPMENT	24.06.2022	Mr.Sai Deepak Bhogadi Asst Audit Officer, Indian Audit & Account Department	30
17	A ONE DAY SEMINAR ON RESEARCH TRENDS IN ARTIFICIAL INTELLEGENCE	22.06.2022	Dr.V.Shanmukha Rao Assoc.Prof, Dept Of IT, Andhra Loyola Institute Of Engineering & Technology.	30
18	A ONE DAY SEMINAR ON WRITING AN EFFECTIVE RESEARCH PAPER MEAN AND METHODS	21.06.2022	Dr.Muruganath Gopal Raj, Associate Professor, HOD of ECE, Ahilia college of technology Palakkad Kerala.	30
19	A ONE DAY SEMINAR ON RESEARCH METHODOLOGIES	15.06.2022	Dr.Kavitha Bala Muragan, Associate Professor, HOD of ECE, KCG college of Technology,Chennai.	29

### STUDENTS OPTED FOR HIGHER EDUCATION

A Total of 3 students have opted for higher education.



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College Code: NP, Enikepadu, Vijayawada-521108

### PLACEMENT DETAILS

A Total of 118 students were placed.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	Aptroid Consulting (India) Pvt Ltd	1
2	Bajaj Finserv	5
3	Cognizant	14
4	HCL Tech	1
5	Hexaware	11
6	HMI Engineering	1
7	Infosys	1
8	ILM	11
9	Lumina datamatics	1
10	Maintec	7
11	Microlink	10
12	Savantis	28
13	Snovasys	1
14	State street HCL	3
15	Sutherland	8
16	TCS	5
17	Vistex-Asia pvt ltd	7
18	Xltech Shivaan	3

### Industrial Visit

S.NO	Course	Year/ Semester	Place visit	Duration	No. Of students Attended
1	B. Tech (Computer Science and Engineering)	II	Lakshya Software Technologies Pvt. Ltd	18-9-22	112
2	B. Tech( Information Technology)	II	Lakshya Software Technologies Pvt. Ltd	18-9-22	56





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# ANNUAL REPORT

## 2021-22

  
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### RESEARCH PUBLICATIONS

S.NO	Title of Paper	Name of the author/s	Department of The teacher	Name of Journal
1	Fake Job Detection Using MI	Ms. Sadhu Thirusha Ms.Chevvuri Sowjanya Ms.Shaik Naziya Begum Ms.Avulapati Tejaswini Ms.Mvl.Suguna Priya Mrs.Makkapati Lakshmi Prasanna	CSE	IEJ
2	Pregbot Using Machine Learning	J.Kannamma	CSE	IEJ
3	A Sophisticated And Light Weight Cryptographic Protocols For Data Security In Wireless Sensor Networks	Dr.C.Srinivasa Kumar Dr.A.C.P Riya Ranjani Dr.Pra Deep Venuthurumil li Dr.A.Gautami Latha Dr.Rang A Swamy Sirisati	CSE	Journal of Algebraic Statistics
4	Survey on Saliency - Based Approach of Error Correction For 5G Communication	K.Murali K Prasuna	ECE	Smart Innovation systems and technologies
5	Novel Hybrid Artificial Intelligence based Algorithm to determine the effects of air pollution on human electroencephalogram signals	K.Murali	ECE	Journal of Environmental Protection and Ecology 2
6	Error rate analysis of PD- NOMA over $\Lambda$ WGN and Fading Channels with Generalized in wireless 5G	Dr.K.Murali	ECE	IEEE



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College Code: NP, Enikepadu, Vijayawada-521108

### FACULTY ATTENDED CONFERENCES

S.NO	Name of the Faculty	Title of the Paper	Name of the Conference
1	Dr.K.Murali	Two Stage SIGNAL Processing Of Channel Valuation And Recognition For Mille Meter MIMO Systems	11th International Conference on Computer Communication And Informatics (ICCCI)

### SOFT SKILLS & LIFE SKILLS PROGRAMMES

S.NO	Name of the capacity development and skills enhancement programme	Date of implementation	Name of the person
1	APTITUDE and REASONING	18-10-2021 to 30-10-2021	Dr. P .SUBBAIAH , HoD, Department of MBA

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### ORGANIZED FACULTY DEVELOPMENT PROGRAMMES

S.NO	FDP TITLE	DATE	NO OF PARTICIPANTS
1	A One Week Faculty Development Program On "DATA SCIENCE"	23-05-2022 to 28-05-2022	6
2	A One Week Faculty Development Program On "ADVANCED TECHNIQUES IN SIGNAL PROCESSING"	09-05-2022 to 14-05-2022	5
3	A Five Day State Level Training Program On "HOW TO ADOPT THE BEST PRACTICES AND IMPROVE PRODUCTIVITY IN DELIVERING SEAMLESS SERVICE TO STUDENTS"	09-05-2022 to 13-05-2022	3
4	A One Week Faculty Development Program On "VLSI DESIGN BY XILINX EDA TOOLS"	27-04-2022 to 05-05-2022	4
5	A One Week Faculty Development Program On "THE RECENT ADVANCEMENTS IN COMPUTER SCIENCE"	25-04-2022 to 30-04-2022.	5
6	A One Week Faculty Development Program On "RESEARCH TRENDS IN COMPUTER SCIENCE & INFORMATION TECHNOLOGY"	18-04-2022 to 23-04-2022	7
7	A One Week Faculty Development Program On "EMERGING TRENDS IN NEW AGE TECHNOLOGIES"	18-04-2022 to 23-04-2022	4
8	A One Week Faculty Development Program On "SOFT SKILLS AND PERSONALITY DEVELOPMENT"	06-04-2022 to 11-04-2022	18
9	A One Week Faculty Development Program On "ANTENNA AND RF DESIGN FOR WIRELESS SYSTEMS"	20-03-2022 to 25-03-2022	14
10	A Five Day Faculty Development Program on "USE OF ICT IN TEACHING AND LEARNING"	13-12-2021 to 17-12-2021	8
11	A One Week Faculty Development Program on "IOT AND AI APPLICATIONS"	20-11-2021 to 27-11-2021	6





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### WORKSHOPS/SEMINARS/CONDUCTED ON R&D, IPR AND EDC CELL

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A THREE DAYS SEMINAR ON CAREER GUIDANCE PROGRAM	05.05.2022 TO 07.05.2022	Mr.Pv.Narasimha Director Time, Mr.M.M.Basha Regional Manager,Ace Engineering Academy Mr.U.Venkateswara Reddy Managing Partner,World Wide Edu Consultants , Vijayawada.	25
2	A ONE DAY SEMINAR ON RESEARCH SKILL DEVELOPMENT IN UNIVERSITY INDUSTRY COLLOBORATION	30.04.2022	Mr.Krishna Prasad MD, Annamaya Integrated Manufacturing System,Hyderabad,Telangana.	29
3	A ONE DAY NATIONAL SEMINAR ON TRADE RELATED ASPECTS OF INTELLECTUAL PROPERTY RIGHTS	08.04.2022	Dr.N.Janaradhan Rao Assoc.Prof, Aliet,Vijayawada.	29
4	A ONE DAY SEMINAR ON AN INSIGHT INTO ENTERPRENUERSHIP JOURNEY	31.03.2022	Mrs.A.Manjulatha, MBA,Incubate IIM, Kashipur, Uttarakhand.	36
5	A ONE DAY SEMINAR ON OVERVIEW OF IPR	30.03.2022	Mr.B.V.S.S.Subba Rao Assistant Professor, Department of MBA, SRK institute of Technology.	29
6	A ONE DAY SEMINAR ON HOW TO CARRY OUT RESEARCH WORK	29.03.2022	Mrs.J.Rajani Professional Trainer	25
7	A ONE DAY SEMINAR ON LIFE SKILLS AND LEADERSHIP QUALITIES OF AN ENTREPRENEURSHIP	09.12.2021	Mrs.J.Rajani Professional trainer, Free lancer	29
8	A ONE DAY SEMINAR ON QUANTITATIVE RESEARCH	11.11.2021	Mr.T.Anil Karuna Kumar Asst.Prof, Narayana Engineering College,Gudur.	35
9	A ONE DAY SEMINAR ON RESEARCH ARTICLE WRITING	04.10.2021	Mr.A.Krishna Kumar Software Developer, E-I.life Consultancy Services Pvt Ltd.	28
10	A ONE DAY SEMINAR ON WOMEN ENTREPRENEURSHIP DEVELOPMENT	05.07.2021	Mr.Khaza Kb Vali Basha Sk Asst.Prof, Deccan College Institute & Technology ,Hyderabad.	30



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### PLACEMENT DETAILS

A Total of 95 students were placed.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	Allsec technologies	18
2	Amazon development	1
3	ATOS	8
4	Bajaj finserv	7
5	ByteXL	1
6	Capegemini	5
7	Cognizant	1
8	Coign consultant pvt ltd	1
9	Genpact	1
10	HMI engineering services	8
11	Infosys	5
12	ILM	3
13	Insugo Pvt Ltd	5
14	Microlink	6
15	Mindtree	1
16	Savantis	14
17	State street HCL	7
18	TAP Academy pvt ltd	1
19	Wipro	2

### TRAINING PROGRAMMES FOR NON-TEACHING STAFF

A Five Day State Level Training Program on "HOW TO ADOPT THE BEST PRACTICES AND IMPROVE PRODUCTIVITY IN DELIVERING SEAMLESS SERVICE TO STUDENTS" From 09-05-2022 to 13-05-2022.

  
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### RESEARCH PUBLICATIONS

S.NO	Title of Paper	Name of the author/s	Department of The teacher	Name of Journal
1	Error rate analysis of PD-NOMA over AWGN and Fading Channels with Generalized in wireless 5G	Dr.K.Murali	ECE	IEEE
2	A Secure Scheme Of Cloud Forensics For Cloud Log Assuring Soundness & Secrecy	M.Prasanna	CSE	IJR
3	Sector multi- beam space optimal BER enhancement in wireless 5G Using Power Domain NOMA	K.Murali	ECE	Springer ,Suftcomp uting
4	A deep Convolution network based computer aided diagnosis system for the prediction of Alzheimers disease in MRI Immages	K.Murali	ECE	ELSEVIER measurement
5	Compact Quad Band Radiator for Wireless Applications	V.Satitha C.Chandrasckhar K.Murali	ECE	Springer, Singapore
6	A Real -Time Audio Transmission and Reception Over Wireless Channel USING PXI System	M.Padmaja K.Prasuna K.Murali	ECE	LNEE Series of springs(Scopus Indexed)
7	A Novel Rate Improvement Technique of Power Domain NOMA In Wireless 5G	K.Murali S. Siva Perumal	ECE	Journal of science & Industrial Reserch

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### FACULTY ATTENDED CONFERENCES

S.NO	Name of the Faculty	Title of the Paper	Name of the Conference
1	Anuradha Chokka K Sandhya Rani	A Cluster-Based Improved Expectation Maximization Framework for Identification of Somatic Gene Clusters	2nd International Conference on Computing Communications and Data Engineering
2	K.Murali V.Saritha C.Chandrasekhar	Compact Quad Band Radiator for Wireless Applications	5th International Conference on Microelectronics, Electromagnetics and Telecommunication, ICMEET 2019
3	K.Murali V.Saritha C.Chandrasekhar	A Real-Time Audio Transmission and Reception Over Wireless Channel Using PXI System	5th International Conference on Microelectronics, Electromagnetics and Telecommunication, ICMEET 2019

### WORKSHOPS/SEMINARS/CONDUCTED ON R&D, IPR AND EDC CELL

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A ONE DAY SEMINAR ON CRITICAL AND DESIGN THINKING	16.11.2020	Mrs.G.Madhusree, Associate Professor, Department of MBA, VITW, Enikepadu, Vijayawada.	30

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### ORGANIZED FACULTY DEVELOPMENT PROGRAMMES

S.NO	FDP TITLE	DATE	NO OF PARTICIPANTS
1	A One Week Faculty Development Program On "AWS ASSOCIATE CLOUD ARCHITECT"	15-03-2021 to 20-03-2021	5
2	A One Week Faculty Development Program on "ADVANCE DATA SCIENCE WITH APPLICATIONS"	18-01-2021 to 23-01-2021	6
3	A One Week Faculty Development Program on "CYBER SECURITY IN DAY TO DAY LIFE "	07-01-2021 to 12-01-2021	12
4	A 5 Day Faculty Development Program on "SELF - MANAGEMENT AND EMOTION CONTROL"	14-12-2020 to 18-12-2020	11
5	A One Week Faculty Development Program on "DESIGN FOR TESTABILITY IN IC INDUSTRY"	13-12-2020 to 18-12-2020	14
6	A Five Day Faculty Development Program on "DATA COLLECTION AND RESEARCH ANALYSIS"	07-12-2020 to 11-12-2020	12

### SOFT SKILLS & LIFE SKILLS PROGRAMMES

S.NO	Name of the capacity development and skills enhancement programme	Date of implementation	Name of the person
1	COMPANY SPECIFIC TRAINING FOR TCS	07-12-2020 to 18-12-2020	Mr.V. Krishna Vamsi Technical Trainer Xplore Solutions



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### STUDENTS OPTED FOR HIGHER EDUCATION

A Total of 2 students have opted for higher education

### PLACEMENT DETAILS

A Total of 140 students were placed.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	Accenture	1
2	Allsec	37
3	Capegemini	5
4	Cognizant	3
5	HCL Tech	2
6	Hexaware	5
7	HMI	8
8	Infosys	14
9	ILM	11
10	Insugo	2
11	Microlink	4
12	Savantis	17
13	Starpowerz	6
14	State street HCL	5
15	Sutherland	11
16	TCS	1
17	Techmojo	1
18	Wipro	6
19	Zensar	1

  
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### RESEARCH PUBLICATIONS

S.NO	Title of Paper	Name of the author/s	Department of The teacher	Name of Journal
1	Improved Classification of Somatic Mutations Using AdaBoost With Feture Se- lection	Anuradha Chokka	IT	International Journal of Engineering and Advanced Technology (IJEAT)
2	Distributed Web Usage e Mining Based System In Bigdata Analytics Using Hybrid Firefly Simulated Annealing Algorithm	A.C.P.Ranjani	CSE	IJITEE
3	Pca Based Regression Decision Tree Classificatio N For Somatic Mutations	CH.Anuradha	CSE	IJEAT
4	The Data Mining Support Vector Machine Algorithm used for Detecting and forecasting of Crimes	Y V K D Bhavani	IT	International Journal of Engineering and Advanced Technology (IJEAT)
5	Multipurpose Security Robo Using Arduino Micro Controller	K.Murali Shaik Rahil Hussain K.Prasuna	ECE	Journal of critical Reviews

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### ORGANIZED FACULTY DEVELOPMENT PROGRAMMES

S.NO	FDP TITLE	DATE	NO OF PARTICIPANTS
1	A One Week Faculty Development Program on "CLOUD INFRASTRUCTURE"	20-01-2020 to 25-01-2020	7
2	A One Week Faculty Development Program On "CLOUD COMPUTING AND ITS APPLICATIONS"	20-01-2020 to 25-01-2020	6
3	A One Week Faculty Development Program On "MS - AZURE"	19-08-2019 to 24-08-2019	5
4	A One Week Faculty Development Program on " CREATIVE THINKING - A NEW APPROACH"	19.08.2019 to 26.08.2019	11
5	A One Week Faculty Development Program on "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"	17.06.2019 to 22.06.2019	12
6	A One Week Faculty Development Program on "SIGNAL PROCESSING USING DEEP LEARNING APPLICATIONS"	10.06.2019 to 15.06.2019	13

### SOFT SKILLS & LIFE SKILLS PROGRAMMES

S.NO	Name of the capacity development and skills enhancement programme	Date of implementation	Name of the person
1	ANALYTICAL APTITUDE	08-07-2019 to 19-07-2019	Dr. P .SUBBAIAH , HoD, Department of MBA



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### WORKSHOPS/SEMINARS/CONDUCTED ON R&D, IPR AND EDC CELL

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A ONE DAY SEMINAR ON IMPORTANCE OF IPR IN MODERN GLOBAL ECONOMIC ENVIRONMENT	28.02.2020	Dr.P.Subhaiah Professor, Dept Of MBA, Vijaya Institute Of Technology For Women.	29
2	A ONE DAY SEMINAR ON ENTREPRENEURSHIP SKILLS, ATTITUDE AND BEHAVIOUR DEVELOPMENT	20.02.2020	Dr.B.Krishnaiah Assoc.Prof, SRK Institute of Technology, Vijayawada.	26
3	A ONE DAY WORKSHOP ON HOW TO WRITE AN ABSTRACT & IMPROVE YOUR ARCHITECTURE OF RESEARCH	15.02.2020	Mrs.Ch.Sri Santhi M.Sc,M.Ed,M.Phil, TKR College Of Engineering & Technology.	32
4	A ONE DAY SEMINAR ON RESEARCH DESIGN AND RESEARCH METHOD	10.02.2020	Mr.A.Krishna Kumar Software Developer, E-Life Consultancy Services Pvt Ltd.	30
5	A ONE DAY SEMINAR ON SOCIAL ENTREPRENEURSHIP AND THE WAYS TO ACHIEVE IT	29.01.2020	Mrs.A.Munnera, Asst.Prof, Andhra Layola Institute Of Engineering & Technology,Vijayawada	27
6	A ONE DAY SEMINAR ON INTELLECTUAL PROPERTY MANAGEMENT IN DIGITIZATION	01.11.2019	Mr.K.Vijay Asst.Prof, PB Siddharatha College	30
7	A ONE DAY SEMINAR ON ENTREPRENEURSHIP AS A CAREER	10.09.2019	Mr.K.Swaroop Assistant Professor, Department of MBA, Nimra College of Engineering & Technology.	23
8	A ONE DAY SEMINAR ON RESEARCH ETHICS	17.08.2019	Mr.K.Swaroop Asst.Prof Of MBA, Nimra College Of Engineering & Technology.	26
9	A ONE DAY SEMINAR ON PROCEDURE FOR FILING A PATENT	26.06.2019	Mr.Khaza Kb Vali Basha Sk Asst.Prof, Deccan College Of Engineering & Technology, Hyderabad.	29
10	A ONE DAY WORKSHOP ON QUALITATIVE AND QUANTITATIVE TECHNIQUES IN RESEARCH	03.06.2019	Mr.B.Chinni SRK Institute Of Technology	27



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### STUDENTS OPTED FOR HIGHER EDUCATION

A Total of 2 students have opted for higher education

### PLACEMENT DETAILS

A Total of 204 students were placed.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	Allsec	6
2	Bajaj Finserv	7
3	CGI	4
4	Cognizant	7
5	Efftronics	6
6	Hexaware	2
7	HMI	12
8	ILM	7
9	Infosys	7
10	ILM	6
11	INSUGO	8
12	Microlink	59
13	Productive technologies	9
14	State street HCL	8
15	Sutherland	24
16	Talentio	7
17	VEE Technology	12
18	Wipro	6
19	Zensar	7

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Phone: 0866-2844444, Email: [vijayatechfw@gmail.com](mailto:vijayatechfw@gmail.com) Website: [www.vitw.edu.in](http://www.vitw.edu.in)

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# ANNUAL REPORT

## 2018-2019

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### RESEARCH PUBLICATIONS

S.NO	Title of Paper	Name of the author/s	Department of The teacher	Name of Journal
1	Automatic Identification and Classification of Allergic Skin Disorders using deep pattern Recognition neural networks	Y.Vijaya	IT	International Journal of pure and applied mathematics
2	Deep Pattern Recognition neural Networks	Y.Vijaya	IT	International Journal of pure and applied mathematics
3	Distributed Web Usage Mining Based Recommender System in Big Data Analytics Using Firefly Algorithm	AC. Priya Ranjani Dr.M.Sridhar	CSE	IJRECE
4	A Robust Method For Finding Somatic Mutations To Form Clusters	CH.Anuradha	CSE	IJEAT
5	Block consecutive minimization method with wireless energy harvesting relays	K.Murali Siva Perumal S	ECE	8 Third International Conference
6	Power signal Based Multiple - Access Schemes For 5G and Beyond - Survey and Its challenges	K.Murali Siva Perumal S	ECE	IEEE

  
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### FACULTY ATTENDED CONFERENCES

S.NO	Name of the Faculty	Title of the Paper	Name of the Conference
1	Anuradha Chokka K Sandhya Rani	AdaBoost with Feature Selection Using IoT to Bring the Paths for Somatic Mutations Evaluation in Cancer	Springer briefs in Forensic and Medical Bioinformatics
2	K.Murali,Siva Perumal S	Block Consecutive Minimization Method With Wireless Energy Harvesting Relays	International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)

### ORGANIZED FACULTY DEVELOPMENT PROGRAMMES

S.NO	FDP TITLE	DATE	NO OF PARTICIPANTS
1	A One Week Faculty Development Program on "UNDERSTANDING THE CONCEPT OF NODE AND REACT JAVA SCRIPT"	13.05.2019 to 18.05.2019	4
2	A One Week Faculty Development program on "ROBOTICS AND DIGITAL REALITY"	04.03.2019 to 11.03.2019	12
3	One Week Faculty Development Program on "DEVOPS"	07-01-2019 to 12-01-2019	9
4	A Five Day Faculty Development program on "PHP AND MYSQL"	08.10.2018 to 12.10.2018	10
5	A One Week Faculty Development Program on "FINANCIAL PLANNING IN FINANCIAL SERVICES"	10.09.2018 to 17.09.2018	12
6	One Week Faculty Development Program on "BIG DATA"	16-07-2018 to 21-07-2018	15



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### SOFT SKILLS & LIFE SKILLS PROGRAMMES

S.NO	Name of the capacity development and skills enhancement programme	Date of implementation	Name of the person
1	QUANTITATIVE APTITUDE	13-08-2018 to 24-08-2018	Mr. P.N.V. SIVA KUMAR, Assistant Professor,

### WORKSHOPS/SEMINARS/CONDUCTED ON R&D, IPR AND EDC CELL

S.No	Name of the Event	Date	Details of Resource Person	No. of Participants
1	A NATIONAL SEMINAR ON FUTURE TRENDS IN ENTREPRENEURSHIP	18.03.2019	Mr.G.Brahamaiah Asst.Prof, M.I.E.C, Singarayakonda.	28
2	A ONE DAY SEMINAR ON EFFECTS OF SKILL ACQUISITION ON ENTREPRENEURSHIP DEVELOPMENT	07.02.2019	Mrs.Sk.Naga Rehmathunisa Asst.Prof, DJR Institute Of Engineering And Technology.	30
3	A ONE DAY SEMINAR ON STARTUP ECO SYSTEM	06.02.2019	Mr.G.Brahmaiah Assistant Professor, Department of MBA, Malincni Lakshmaiah Engineering college.	31
4	A ONE DAY SEMINAR ON THE ROLE OF EDUCATION IN ENTREPRENEURSHIP DEVELOPMENT	30.01.2019	Mr.A.Pratap Asst.Prof, Dept Of IT	30
5	A ONE DAY SEMINAR ON INDIAN SCENARIO OF INTELLECTUAL PROPERTY RIGHTS(IPR)	15.12.2018	Mrs.Tjyothe Asst.Prof, Andhra Layola Institute Of Engineering & Technology.	29
6	A ONE DAY SEMINAR ON BEGINNERS TO WRITE MANUSCRIPT IN LATEX	04.10.2018	Mr.K.Murali, Asst.Prof, Vijaya Institute Of Technology For Women.	27
7	A ONE DAY SEMINAR ON ONLINE OPPORTUNITIES FOR ENTREPRENEURSHIP	19.09.2018	Mrs.A.Sri Lakshmi Asst.Prof, IIT,Nuzvid.	29
8	A ONE DAY WORKSHOP ON CULTURAL HERITAGE AND INTELLECTUAL PROPERTY IN DIGITAL WORLD	18.08.2018	Mr.K.Vijay Asst.Prof, PB Siddharatha College, Vijayawada.	30
9	A ONE DAY SEMINAR ON INTELLECTUAL PROPERTY RIGHTS – CURRENT ISSUES	13.08.2018	Mr.U.Gangadara Rao Asst.Prof, Ramachandra Engineering College, Eluru.	28



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### PLACEMENT DETAILS

A Total of 199 students were placed.

S.NO	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	Aradhya brilliance center	1
2	ATOS	6
3	Bajaj Finserv	9
4	CGI	2
5	Chandusoft technologies	1
6	Cognizant	4
7	Efftronics	1
8	Hexaware	2
9	HMI Engineering services	11
10	ILM	31
11	Infosys	8
12	Insugo	3
13	Maintec	1
14	Microlink	34
15	Savantis	15
16	State street HCL	3
17	Sutherland	27
18	Talentio	11
19	VEE Technology	16
20	Wipro	4
21	Zensar	9

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