

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF ECE**



**Two days Workshop on "Research Methodolgy"
From 15-07-2023 & 16-07-2023**

❖ **15.07.23**

❖ **Venue: Seminar Hall
DNR CET**

PROGRAMME

- | | | |
|--------------------------------|---|--------------------------|
| * Registration | - | 09-30 A.M. to 10-00 A.M. |
| * Inauguration of the Workshop | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 1 | - | 11-00 A.M. to 01-00 P.M. |

LUNCH BREAK

- | | | |
|-------------|---|--------------------------|
| * Session 2 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 2 | - | 03-00 P.M. to 04-20 P.M. |

❖ 16.07.23

❖ Venue: Seminar Hall
DNR CET

- | | | |
|--------------------|---|--------------------------|
| * Session 3 | - | 09-30 A.M. to 10-00 A.M. |
| * Session 3 | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 3 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 4 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 4 | - | 03-00 P.M. to 04-20 P.M. |

AM
Head of the Department
Head
Department of ECE
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202.

INAUGURATION

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU
Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. N.VENKATA RAO
Dean Academics, DNR CET.

CONVENER

Sri. Dr.A.P.RAMESH
Head & Prof.
DEPARTMENT OF ECE

WORKSHOP COORDINATORS

Mr. K.SATISH KUMAR
Asst. Prof.

DEPARTMENT OF ECE

A TWO DAYS WORKSHOP ON "RESEARCH METHODOLOGY"

15-07-2023

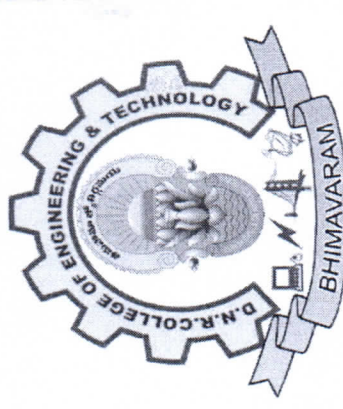
&

16-07-2023

ORGANIZING COMMITTEE

1. Mr.K.Shekhar Babu
 2. Mrs.K.Indira Priyadarsini
 3. Mr.K.Venu Gopal.
 4. Mr.Gopala Swamy
 5. Mr. M.Venu.
 6. Mr. Rakesh Patnaik
 7. Mrs. B.Nagamani
 8. Mrs. N.Mary Leena
 9. Mrs. K.Vanaja
 10. Mrs.B.Vaisalini
 - 11.B.Rosey Sharon
- VENUE & TIME:
SEMINAR HALL.
DNR College of Engineering & Technology.
TIME : 9:30 AM Onwards

Organized By DEPARTMENT OF ELECTRONICS AN COMMUNICATION ENGINEERING



DNR COLLEGE OF ENGINEERING & TECHNOLOGY (A)

BALUSUMUDI, BHIMAVARAM-534202,

ABOUT THE INSTITUTION	SEMINAR THEME	TOPICS FOR DISCUSSION INCLUDE
<p>The DNR College of Engineering and Technology (DNR CET) was established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.</p> <p>Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).</p>	<p>The purpose of the seminar is to introduce faculty to the most important conceptual approaches of research as well as to explore and formulate the theoretical framework for the analysis of the topic that is examined in the context of their Postgraduate Dissertation.</p> <p>Emphasis is also given to the basic methodological approach and the use of the most appropriate – depending on the central question considered – research methods and tools (quantitative and / or qualitative) to carry out their research.</p> <p>The main objective of the seminar is to support the faculty to use rationally alternative research methods when preparing their dissertation.</p> <p>The course aims:</p> <ul style="list-style-type: none"> To proven knowledge and understanding about the design of scientific research, methodology and research methods. Developing the knowledge and understanding sub-research objects offers at the same time the opportunity to expand their scientific horizons. To acquire knowledge about the use of different statistical techniques and methods. To obtain, by systematically applying the relevant methods, the necessary capabilities to adapt to actual research processes especially as regards search, 	<ul style="list-style-type: none"> ➤ Design and planning of research phases . ➤ Formulation of Research Questions and Objective of the Work ➤ acquire knowledge about the use of diffe statistical techniques and methods.
<p>ABOUT THE DEPARTMENT</p> <p>The Department of Electronics and Communication Engineering (ECE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members</p>	<p>Resource Person</p> <p>Dr.S.Ravi Chand,</p> <p>Professor & Head / ECE and Convener, Research & Development , Innovation Cell at Nalla Narasimha Reddy Education Society's Group Institutions - Integrated campus, Hyderabad.</p>	

of ECE are highly qualified. ECE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.

treatment and interpretation of reliable information. At the end of the course, students will be able to design and carry out, in real terms, a small-scale as well as a large-scale scientific research. To develop their ability to critically analyze, evaluate and synthesize complex and multi-dimensional concepts.



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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrcet.org>

Department of Electronics & Communication Engineering

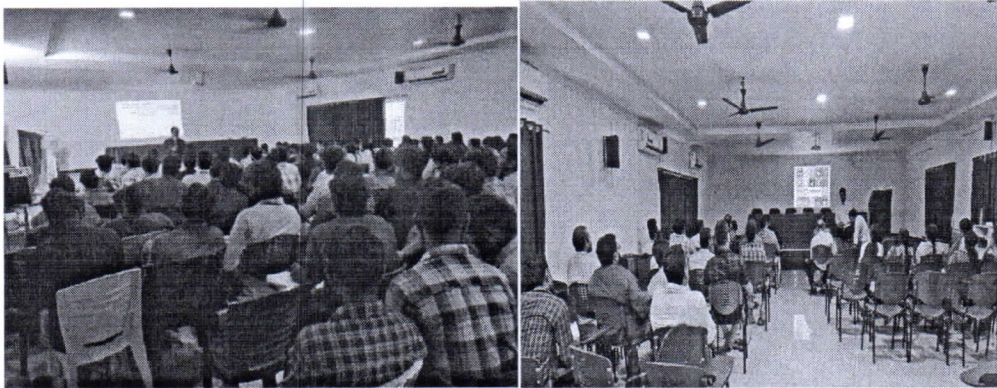
A Report on “IPR”

Held during 15-07-2023 & 16-07-2023

Conducted by: **Department of Electronics and Communication Engineering**

A one-day workshop on **RESEARCH METHODOLOGY** was organized by Department of **Electronics and Communication Engineering**. The program was inaugurated by Dr. M. Anjan Kumar, Principal, DNR College Of Engineering & Technology. & Dr.A.P.Ramesh, HOD, ECE department along with an inaugural speech highlighting the importance of these topics for the faculty.

The Resource person **Dr.S.Ravi Chand**, Professor & Head / ECE and Convener, Research & Development , Innovation Cell at Nalla Narasimha Reddy Education Society's Group of Institutions - Integrated campus, Hyderabad. delivered a lecture on RM. The event was basically designed to introduce faculty about the important conceptual approaches of research as well as to explore and formulate the theoretical framework for the analysis of the topic that is examined in the context of their Postgraduate Dissertation. Mr. K.Satish Kumar, *Asst. Prof* DEPARTMENT OF ECE , DNR CET acts as a Coordinator to the event.




Coordinator


Convener



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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

Department of Electronics & Communication Engineering

S.no	NAME OF THE FACULTY	DEPARTMENT	15/07/2023		16/07/2023	
			FN	AN	FN	AN
1.	Dr G.G. Ratnam	BSFH	GGR	GGR	GGR	GGR
2.	K.V.S. Sirisha	BSFH	Sir	Sir	Sir	Sir
3.	Manne Srinu	EEE	M.sri	M.sri	M.sri	M.sri
4.	B. Sridevi	ECE	S	S	S	S
5.	M. Thambi Babu.	Mech.	M.T.B	MTB	MTB	MTB.
6.	Madhupu Srinivas	ECE.	YS	YS	YS	YS
7.	A. Vamsi Krishna .	Mech.	V	V	V	V
8.	P. Jayalakshmi	ECE	P.S. Lakshmi	P.S. Lakshmi	P.S. Lakshmi	P.S. Lakshmi
9.	J. Keerthana	ECE	J	J	J	J
10.	T. Prasanth	CSE	Pras	Pras	Pras	Pras
11.	M.K.MV Rathnam	EEE	Rm	Rm	Rm	Rm
12.	K. Seetha Babu	ECE	Seetha	Seetha	Seetha	Seetha
13.	B. Shalem	Mech.	Shalem	Shalem	Shalem	Shalem
14.	T. Geetha	Civil	T.Geetha	T.Geetha	T.Geetha	T.Geetha
15.	K. Surya Satish Kumar	ECE	Surya	Surya	Surya	Surya
16.	Sr. V. Satya Sri Ram	CSE	Sr	Sr	Sr	Sr
17.	V. Balaji	ECE	B	B	B	B
18.	Dr. V. Varma	CSE	Varma	Varma	Varma	Varma
19.	J. Keerthana	ECE	J	J	J	J
20.	V. Bhavani Durga	ECE	B	B	B	B
21.	B. Nandan Kumar	CSE	Nandan	Nandan	Nandan	Nandan
22.	V.R.E.S.S. Kumar	EEE	VRS	VRS	VRS	VRS
23.	N. Mary Leena	ECE	M	M	M	M
24.	L. Bujji Babu	CSE	Bujji	Bujji	Bujji	Bujji
25.	K. Chandra Mouli Raju	MBA	Raju	Raju	Raju	Raju
26.	G. Vamsi Krishna	Mech	Vamsi	Vamsi	Vamsi	Vamsi
27.	K. Surya Ram Prasad	EEE	Ram	Ram	Ram	Ram
28.	P. Narasimha Raju	BSFH	N.Raju	N.Raju	N.Raju	N.Raju
29.	B.V.S. Varma	CSE	BVS	BVS	BVS	BVS

30.	N.S.V.L. Sowjanya	MECH ECE	A.S.VLS	A.S.VLS	A.S.VLS	A.S.VLS
31.	E. Yahoshiva	CSE	Q	Q	Q	Q
32.	Dr. A. Rammurthy	CSE	A.P	A.R	A.R	A.R
33.	M. Pandu Bangarao	MECH	PR.Rao	PR.Rao	PR.Rao	PR.Rao
34.	P. Nagaraju	EEE	P.N	P.N	P.N	P.N
35.	K. Siva Syamala	CSE	S.	S.	S.	S.
36.	M. Venkata kishna	EEE	VR	VR	VR	VR
37.	Dr. N. Venkat Rao	ECE	N.R	N.R	N.R	N.R
38.	B. Vamsidhar	ECE	B.V	B.V	B.V	B.V
39.	K. Indira Priyadarshini	ECE	I	I	I	I
40.	N. Bharathi	CSE	N	N	N	N
41.	K. Siva Syamala	CSE	KS	KS	KS	KS
42.	Ch. Renuka Devi	ECE	Devi	Devi	Devi	Devi
43.	K. Venkanna Naidu	ECE	N	N	N	N

V. Aranna

PRINCIPAL
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J.N.R. College of Engg. & Tech.
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Prof. S. RAVI CHAND M.TECH.,
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Address:

Flat No.404
SLV Towers-2
Rayalam, Bhimavaram
West Godavari Dt ,
Andhra Pradesh - 534208

Career objective:

To pursue an intellectually, professionally and administrative challenging work Environment where I can enhance my technical skills in an esteemed organization.

Academic summary:

- ❖ **Ph.D** in Electronics & Communication Engineering (VLSI) entitled “**High Performance Fault Tolerant Techniques to Mitigate Temporary Faults in Low Power Softcore Processors**” from JNTUK, Kakinada in November 2020.
- ❖ **Master of Technology** in Digital Systems and Computer Electronics in 2008 with first division from JNTU, Hyderabad with 67.75%.
- ❖ **Bachelor of Technology** in Electronics and Communication Engineering in 2001 with first division from VR Siddhartha Engineering College, Nagarjuna University with 61.25%.
- ❖ **Diploma** in Electronics and Communication Engineering in 1997 with first division from Government Polytechnic, Narsipatnam, SBTET, Hyderabad with 67.25%
- ❖ **SSC** in 1994 with first division from Nagarjuna School, kondapalli, Krishna Dt. with 77.7%

Professional experience:

- ❖ 21 years of experience in teaching and various administrative positions.
- ❖ Working as Professor & Head / ECE and Convener, Research & Development , Innovation Cell at Nalla Narasimha Reddy Education Society’s Group of Institutions - Integrated campus, Hyderabad from January-2021
- ❖ Worked as Associate Professor in ECE and coordinator IQAC in Swarnandhra Institute of Engineering & Technology, Narsapuram from June 2010 to 2021
- ❖ Worked as Assistant Professor (Sr.) in ECE, Shri Vishnu Engineering College for women, Bhimavaram from May 2006 to may 2010.
- ❖ Worked as Assistant Professor in ECE, Sai Spurthi Institute of tech, Sathupalli, from October 2004 to April 2006.
- ❖ Worked as Assistant Professor in ECE, Dr. Paul Raj Engineering College. Bhadrachalam From June 2001 to April 2004.

Key Responsibilities Handled:

- ❖ Head of the Department
- ❖ Convener, Research & Development, Innovation Cell.
- ❖ Member of Academic Council.
- ❖ Member for Board of Studies in ECE

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- ❖ Coordinator of Institute Innovation Council (IIC)
- ❖ Acted as Coordinator IQAC for 1st & 2nd cycle NAAC accreditation.
- ❖ Acted as Coordinator NBA accreditation for two assessments.
- ❖ Worked as In-charge Examination section for 10 years.
- ❖ Member of College Academic Committee member (CAC).
- ❖ Acted as Governing body Member.
- ❖ Acted as Head of the Department.
- ❖ Faculty advisor for ISTE students' chapter.

Editorial Board Member / Reviewer:

- ❖ Reviewer in the IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2022), organized by the Ballari Institute of Technology and Management, Ballari, India in association with IEEE Bangalore Section and IEEE Information Society on 23rd-24th April, 2022.
- ❖ Technical Program Committee Reviewer in International Conference on Computing, Communication and Power Technology (IC3P-2022) 7th & 8th January, 2022 Raghu Institute of Technology (A) Vishakapatnam, Andhra Pradesh, In Technical Collaboration with IEEE Vizag Bay Section
- ❖ Guest Editor for Intervention of Electrical, Electronics & Communication Engineering in Sustainable Development (Scopus Journal).
- ❖ Associate editor for International Journal of Microcircuits & Electronics (IJME).
- ❖ Associate editor of Meta Research Journal of VLSI & Signal Processing (MRJVSP).
- ❖ Reviewer of Advances in Science, Technology and Engineering Systems Journal (ASTESJ) Scopus journal Ravi chand Sankuru
- ❖ Editorial Board Member of American Journal of Science, Engineering and Technology.
- ❖ Reviewer of International Journal of Electronics, Communications, and Measurement Engineering (IJECME) IGI Global Editorial Discovery: ISSN: 2578-7551
- ❖ Additional reviewer to ReTIS-11 Conference committee held by IEEE, Kolkata, India

Professional Body Memberships:

- ❖ Senior Member IEEE
- ❖ Life Member in ISTE.
- ❖ Member of International Association of Engineers.
- ❖ Member of Universal Association of Computer and Electronics Engineers.

Books Published:

- ❖ A Pramod Kumar, B. KV Prasad, M. V. D. Prasad, A. Jayalakshmi, and S. Ravi Chand, Chapter title, "A Novel Voltage Level-Up Shifter Design for Power Efficient Methods Using Dual Current Mirror Technique", in the Proceedings of 3rd International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication in Springer Link, 2022
- ❖ A book entitled "VLSI Design" by Lap Lambert Academic Publishing house AHA-BUCH GmbH, Einbeck, Germany with ISBN 978-620-4-18214-8
- ❖ Dinesh Kumar R, Vinoda Reddy G, **Ravi Chand S** and Karthika B, "Chapter Title: CNN classification approach to detect abusive content in text Messages",

" ATTESTED "

H. Anandkumar

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accepted for publication in Artificial Intelligence and Blockchain in Digital Forensics, River Publishers, Alsbjerg Vej 10, 9260 Aalborg, Denmark.

Publications:

Published around 30 research papers in various International, National journals, and presented in reputed conferences.

1. **S. Ravi Chand**, B. Kalivaraprasad, LVS Narayana, S. Sree Hari Raju, K. Rama Lakshmi and A. Pramod Kumar, "Security and Privacy concerns of Mobile Cloud Computing", The ICSVCE-2022: International Conference on Advances in Signal Processing, VLSI, Communications and Embedded Systems held at Vardhaman College of Engineering, Hyderabad, on 29th & 30th July, 2022
2. A Pramod Kumar, B. KV Prasad, M. V. D. Prasad, A. Jayalakshmi, and **S. Ravi Chand**, a paper titled, "A Novel Voltage Level-Up Shifter Design for Power Efficient Methods Using Dual Current Mirror Technique", in the Proceedings of 3rd International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication MARC 2022.
3. Manthandi Periannasamy S, Chitra Thangavel, S, **Ravi Chand S** and Gopalakrishnan S "Analysis of Artificial Intelligence Enabled Intelligent Sixth Generation (6G) Wireless Communication Networks", IEEE International Conference on Data Science and Information System (ICDSIS-2022) in association with IEEE Bangalore Section, IEEE Information Theory Society, and IEEE Computer Society Bangalore Chapter during 29-30 July 2022 at Malnad College of Engineering, Hassan, Karnataka.
4. N.C.Sendhil Kumar, A Srinivas, N.Selva ganesh, C.Senthil kumar, **S.Ravi Chand**, "An Empirical Model for the Investigation of Effective Intrusion Detection Systems by Using K-Nearest Neighbor (KNN) and Fuzzy (Fuzzy KNN) Algorithms in Mobile Ad-Hoc Network (MANET)" Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 10, October 2021: 1569-1578.
5. Rajasekhar Turaka, **S. Ravi Chand**, Tavanam Venkata Rao, Kumara Swamy.V, "FPGA Implementation of Radix-2 Pipelined FFT Algorithm for High Throughput Applications", in the Third International Conference on Advances in Electrical and Computer Technologies 2021 (ICAECT 2021) held at Hotel Aloft, Coimbatore, Tamil Nadu, India during 29 - 30, October 2021.
6. **S. Ravi chand**, Rajasekhar Turaka, C.V. Krishna Reddy, "Study on the Implementation of FPGA for Efficient Vedic Multiplier" in AICTE Sponsored 5th National Conference on Knowledge Based Inventive Electronics & Telecommunication Systems held between 25 - 27 August 2021 at KKR & KSR Institute of Technology and Sciences, Guntur. ISBN: 978- 81-951436-2-7, page no.52-54.
7. Rajasekhar Turaka, **S. Ravi chand**, C.V. Krishna Reddy, "Data Security using Cryptography and Steganography Techniques" in AICTE Sponsored 5th National Conference on Knowledge Based Inventive Electronics & Telecommunication Systems held between 25 - 27 August 2021 at KKR & KSR Institute of Technology and Sciences, Guntur ISBN: 978-81-951436-2-7, page no.52-54.
8. **S.Ravichand**, S.Balaji K.Naresh R.Shanmukharao, P.Krishna, "RTL Design Quality Checks for Soft IPs", published in Journal of Engineering Science (J E S), ISSN:0377- 9254, Volume 11, Issue 2 Feb-.,20, UGC approved group 'II' multidisciplinary journal.
9. **S.Ravichand**, S.Balaji K.Naresh R.Shanmukharao, P.Krishna, "Register Transfer Logic Design Quality Checks for Soft Intellectual Property", published in

International Journal of Research and Analytical Reviews –IJRAR, , E-ISSN 2348-1269, P- ISSN 2349-5138, a Scopus journal, Volume 7, Issue 1, pg.364-369, Feb 2020

10. **S.Ravi chand**, M. Sasamka Devika, G. Akhila, “Enhanced Safety System Vessels by Using Arduino” published in International Journal of Innovative Science, Engineering & Technology-IJSET, Vol. 7 Issue 2, February 2020 ISSN (Online) 2348 – 7968 | Impact Factor (2019) – 6.248, Scopus journal

11. **S.Ravi chand**, M. Sasamka Devika, G. Akhila, “Superior Safety System Vessels by Using Arduino UNO” published in International Journal of Emerging Technologies and Innovative Research (JETIR): ISSN:2349-5162, Scopus journal

12. Md.Tanveer Ahamad, I Srikanth, P Kumar Raj, **S.Ravichand** “Implementation OfHospital Alerting System And Virtual Driving Using Arduino” in © 2019 IJRAR February 2019, Volume 6, Issue 1,E-ISSN 2348-1269, P- ISSN 2349-5138.

13. **S.Ravi chand**, Dr.M.Sailaja, Dr.T.Madhu, „Fault Tolerant Multicore Architecture with Hardware Reconfigurable Unit” published in **SYLWAN JOURNAL (SCIE)** Poland, Vol.161, Issue. 8, 2017 ISSN: 0039-7660, impact factor :0.263 2018

14. **S.Ravi chand**, Dr.M.Sailaja, Dr.T.Madhu, “SRAM based Fault Tolerant Technique for Detection of Transient Errors in Processors through Pass Transistor Logic” published in International Journal of Computer Applications (IJCA) USA, October 2017, IJCA Volume 176 – No.3- ISSN: 0975 – 8887

15. **S.Ravi chand**, Dr. M.Sailaja, Dr.T.Madhu, „Design and Analysis of Transient Fault Tolerance in SRAM with different NT Techniques” IJCA, USA, October 2016,Volume 151 – No.3, ISSN: 0975 – 8887

16. **S.Ravi chand**, K.V.Ganesh, M.Sailaja „On-Chip Generation of Accumulator Based 3- Weighted Test Pattern Generation for Synchronous VLSI Circuits” **IJAER**, **SCOPUS** Indexed ,Vol. 10 No.1 2015, ISSN 0973-4562, page 700-704 online ISSN 1087-1090.

17. **S.Ravi Chand** K. Rudra Rao Published a paper titled, “A Modernistic Approach to Design Fault Tolerant Circuit Using LP-LFSR with Low Power Dissipation” *International Journal of Electronics and Communication Engineering* ISSN: 2348 – 8549 - *Special Issue- March 2017*

18. **S.Ravi chand**, Dr.M.Sailaja, Dr.T.Madhu, “Fault Diagnosis For Using Tpg Low Power Dissipation And High Fault Coverage”, IEEE Conference Publications Pages: 1 - 5, DOI: 10.1109/ICCIC.2010.5705884, 978-1-4244-5967-4/10/\$26.00 ©2010 IEEE

19. **S.Ravi Chand** K. Rudra Rao Presented a paper titled, “A Modernistic Approach to Design Fault Tolerant Circuit Using LP-LFSR with Low Power Dissipation” in *International Conference on Emerging Trends in Engineering, Management, Science andTechnologies* (ICEEMST-2017) on 03 / 03 / 2017 RISE Krishna Sai Prakasam Group ofInstitutions, Ongole.

20. **S.Ravi chand**, Dr.M Sailaja, Dr.T.Madhu, “A BIST Scheme for Low Energy Testing Using a Multiple Single Input Change Vector (SICV) in a Test Pattern Generation” IJSRM, Volume -04, Issue – 2 , 2016, ISSN (e): 23281-3418

21. **S. Ravichand**, T. Madhu, M. Sailaja “A Self-Repairing Digital System with High- Quality Scalability and Fault Coverage” International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-6, Issue-8)

22. G.Lashmi Prasanna, **S.Ravi Chand** and Dr.T.Madhu published paper “Implementation of RISC based 2D-DWT architecture for image compression” in IJETCSE volume-23 Issue-5 September 2016

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23. G.Lakshmi Prasanna, **S.Ravichand** and Dr.T.Madhu “High Performance RISC based 2D DWT Architecture Implementation for JPEG2000” in IJCA Journal, Issue-11, November 2016
24. **S.Ravichand**, K.V.Ganesh, M.Sailaja “on chip generation of accumulator based 3- weighted test pattern generation for synchronous VLSI circuits” presented in “IEEE sponsored 9th International conference on Intelligent Systems & Control (ISCO) 2015, on 10-11th Jan 2015 at Karpagam Engineering College, Tamilnadu.
25. **S.Ravichand**, T.Gopal Krishna “A novel BIST scheme for low energy testing using a multiple single input charge vector (SICV) in a test pattern generation” in International conference in Eng tech ICAET-2015 on 28-03-2015 at Jaya Eng college-Chennai.
26. **S.Ravichand**, S.Durga Babu, A.Chaitanya “Fault tolerant circuit using LP-LFSR with low power dissipation analysis in ICACI-2015 on 05-04-2015 at Jawahar Engineering College, Saligramam, Chennai.
27. Vadapalli Srinivas, **S.Ravichand**, T.Gopal Krishna presented a paper entitled “A BIST scheme for low energy testing using multiple single input charge vector (MSICV)” in a TPG published in IJETCSE vol-13 issue 4- March 2015 ISSN:0976-1353 page 60-63.
28. **S.Ravi chand**, V.Srinivas, Dr.M Sailaja, Dr.T.Madhu, “A BIST Design For Self Testable And Cost Efficient Single Port Ram Based FFT Processor”, Proceedings of the MultiConference 2011: 2nd (ICSSA 2011) & 1st International Conference on Intelligent Systems & Data Processing (ICISD 2011). Universal-Publishers Boca Raton, Florida USA 2011 ISBN: 978-1-6123-3002-0Ravi chand Sankuru
29. V.Srinivas, **S.Ravi chand**, Dr. Ch. Santhi Rani Dr.T.Madhu, “Model Based Speech Enhancement And Coding”, in IJTET, International Journal of Applied Engineering Research 1087-1090 Volume 6, Number 18 (2011) *Special Issues pp. 2568-2572*
30. **S.Ravichand**, M.Sailaja, G.Bharathi, presented a paper titled “Design of a low power 8 bit ALU” on 21 to 13 April 2010 held at Dayanand Sagar institutions, Bangalore.
31. V.Srinivasarao, Dr P.Rajesh Kumar, G.V.H.Prasad, M.Prema Kumar, **S.Ravichand** — Discrete Cosine Transform Vs Discrete Wavelet Transform: An Objective Comparison of Image Compression Techniques for JPEG Encoder Published in International Journal of Advanced Engineering and application, Jan 2010
32. M.V.Ganeswar Rao, **S.Ravichand**, T.Madhu, P.Ravikumar, presented a paper on “Design of Low Power Processor Embedded core using VHDL” in the National conference on 11th and 2th February 2007 held at St Joseph engineering college, Ketty, Tamilnadu.
33. **S.Ravi Chand** K. R Rao Presented a paper titled, “A Modernistic Approach to Design Fault Tolerant Circuit Using LFSR with Low Power Dissipation” in *International Conference on Emerging Trends in Engineering, Management, Science and Technologies (ICEEMST-2018)* on 03 / 03 / 2018 Sai Prakasam Group of Institutions, Ongole.

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RHIMAVARAM-534 001**

RESEARCH METHODOLOGY

The purpose of the seminar is to introduce faculty to the most important conceptual approaches of research as well as to explore and formulate the theoretical framework for the analysis of the topic that is examined in the context of their Postgraduate Dissertation.

Emphasis is also given to the basic methodological approach and the use of the most appropriate – depending on the central question considered – research methods and tools (quantitative and / or qualitative) to carry out their research.

The main objective of the seminar is to support the faculty to use rationally alternative research methods when preparing their dissertation.

The course aims:

- To proven knowledge and understanding about the design of scientific research, methodology and research methods. Developing the knowledge and understanding sub-research objects offers at the same time the opportunity to expand their scientific horizons.
- To acquire knowledge about the use of different statistical techniques and methods.
- To obtain, by systematically applying the relevant methods, the necessary capabilities to adapt to actual research processes especially as regards search, treatment and interpretation of reliable information. At the end of the course, students will be able to design and carry out, in real terms, a small-scale as well as a large-scale scientific research.
- To develop their ability to critically analyze, evaluate and synthesize complex and multi-dimensional concepts
- To promote the progress of the knowledge society and generating new research ideas
- To promote free, creative and inductive thinking.

The course is organized according to the following topics:

• The logical steps for conducting scientific research

• Selection of appropriate information / data and consequently of methods and tools of analysis.

• Conducting research focusing on specialized and complex issues requires understanding and familiarity with appropriate Research Methods.

The seminar consists of 4 lectures covering the following topics:

1st Lecture: Introduction to the Character of Scientific Research – Design and planning of research phases – Defining the concept of methodological approach – Presentation of the structure of a scientific work – Reference to examples and their analysis.

Lecture 2: Specific analysis of the sections and Chapters of a Dissertation – Detailed Presentation of the Theoretical Framework of a Scientific study – How to Review Literature – Articles – how to combine views, positions and different approaches – How to Write the section relative to “previous Studies” – What do research hypotheses mean and how do they emerge.

Lecture 3: Presentation and Analysis of the Methodological Framework of a Scientific Work – Formulation of Research Questions and Objective of the Work – Quantitative

and Qualitative Approach during the Research – Primary and Secondary Data – Qualitative Methodological Approaches – Case Studies – Case Studies – periodic surveys – comparative analysis and analysis of content.

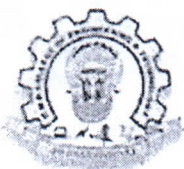
Lecture 4: Quantitative Analysis with reference to specific examples – Examples relative to the analysis of primary and secondary data – Presentation of basics concepts of Statistical Analysis – – Student Participation using Specific Case Studies.

" ATTESTED "

H. Aravind Kumar

PRINCIPAL

M. N. R. College of Engg. & Tech
CHINAYARAM-521 002



D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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

Accredited by NAAC with A⁺⁺ Grade

Ph: 08816-221238 Email: dnrctet@gmail.com website: <https://dnrctet.org>

DEPARTMENT OF CIVIL ENGINEERING

Report on ' Effective Writing Research Papers and Research Proposals'

➤ **Session Details:**

- **Scheduled Date:** 21-07-2023
- **Duration:** 10 AM - 12 PM
- **Venue:** Seminar Hall, DNR College of Engineering & Technology
- **No.of faculty attended:** 33

➤ **Objective of the Session:**

The primary aim of organizing this seminar was to familiarize with writing effective research papers in the SCI indexed Journals and to familiarize to write effective research proposals based on the requirements of different funding agencies. The program was aimed to promote research among the faculty members

.Event Highlights:

A seminar on ' Effective Writing Research Papers and Research Proposals' was organized by the Department of Civil Engineering on July 21, 2023 in the Seminar Hall, DNR College of Engineering & Technology. The programme began with the inaugural session by the invitees Dr. Anjan kumar, Principal, DNR CET, Sri G.V. Satyanarayana raju, Secretary and Correspondent, DNR CET and Dr. A C S V Prasad, SRKR, Bhimavaram resource person of the program

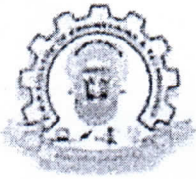
Session was started with the topic Writing Effective Research Papers for SCI Journals. During the session Dr. A C S V Prasad explained about research methodology, selection of a journal, structure of a journal, language issues, presentation of results and discussion, tools for quality improvement. During the session he explained the method of writing with examples of sample exercises. He also briefed about how to avoid plagiarism during the paper writing process. During the session he explained about the importance of funding and challenges in the process of acquiring grants for sponsored research. He also explained about list of funding agencies, selection of funding agency, writing a effective proposal, salient point to remember when write a proposal. He had given some examples of reputed universities and how they approached funding agencies and got funding amount for different research works under various funding schemes

"ATTESTED"

H. Anjan Kumar

PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202



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DEPARTMENT OF CIVIL ENGINEERING

◆ Outcome of the Session:

- Anticipated findings.
- Contributions to the respective research area
- Potential impact on society.
- How it will advance existing knowledge or address gaps in the literature while writing a paper for publishing in reputed journals.

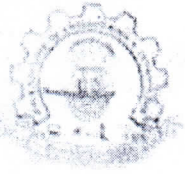
.Photographs of the Session:



m.v.kor
Coordinator

"ATTESTED"
M. Subramanian
PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

[Signature]
Head of Department
Civil Engineering
DNR College of Engg. & Tech.
BHIMAVARAM-534 2022 of 2



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Ph: 08816-221238 Email: dnrceet@gmail.com website: <https://dnrceet.org>

Name of the programme : Writing Effective Research Papers
and Research Proposals

Date: 21/07/2023

Venue : Seminar hall
Department: CE

Time : 10AM-12 PM

Attendance sheet

S. No	Name of the Faculty	Department	Signature of the faculty
1.	G. Narasimha rao	BSEH	
2	B. Manikanta	Civil	
3.	A. Sai	Civil	
4	CH. UNAY CHANDRA	CIVIL	
5.	DR. I. Harish	ME	
6.	P. Ch. Prasad	CIVIL	
7.	V. Praveen	BSEH	
	D. Yubindra.	M.E	
9.	K. Vanaja.	ECE	
10.	B. Nagamani	ECE	
	K. Padmasri	ECE	
12	G. Jayesh	MIE	
13	N. Venkataraja	Civil	
14	N. L. Kumar	Civil	
15	M. V. Krishna	CE	
16.	V. S. Divya Teja	CIVIL ENGINEERING	
17	MRS. N. Satraj	Mech	
18	J. Lavanya	ECE	

Coordinator

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PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Head of the Department
Civil Engineering
D.N.R. College of Engg. & Tech

Name of the programme : Writing Effective Research Papers
 and Research Proposals

Date: 21/07/2023

Venue : Seminar hall
 Department: CE

Time : 10AM-12 PM

Attendance sheet

S. No	Name of the Faculty	Department	Signature of the faculty
1.	n. Sowjanya	ECE	
2	K. Sekhar Babu	ECE	
3	M. Venu	ECE	
4	Dr. A.P. Ramesh	ECE	
5.	U. Sainthronika	ECE	
6.	K.S. Sahith Kumar	ECE	
7.	P. SRIVALLI	ECE	
8.	N. Allessiri	EEE	
9.	P-Naga Raju.	EEE	
10	M. Srinu	EEE	
11	T. Venkateswara Rao	EEE	
12	G. Jayaprasad	EEE	
13	J. V. Koush	EEE	
14	D. Joseph Kumar	EEE	
15	K. Sivasankar	EEE	

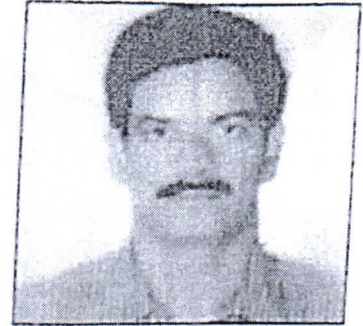
Coordinator

"ATTESTED"

 PRINCIPAL
 D.N.R. College of Engg. & Tech.
 BHIMAVARAM-534 204

HODY
 Head of the Department
 Civil Engineering
 DNR College of Engg. & Tech.
 BHIMAVARAM-534 204

Profile



Name	Dr. Atmakuri C S V Prasad
Date of Birth	10/11/1974
Unique ID (AICTE ID)	1-470149685
Education Qualifications	M.Tech., Ph.D
Work Experience	
a) Teaching	16 years 4 months
b) Research	5 years
c) Industry	-
d) Others	-
Area of Specialization	Geotechnical Engineering
Courses taught at Under Graduate/ Post Graduate Level	UG- Geotechnical Engineering –I UG- Geotechnical Engineering –II UG- Geotechnical Engineering Lab UG- Building Services UG- Green Buildings PG- Substructure Design
Research guidance	
a. No. of papers published in National/ International Journals/ Conferences	00
b. Master (No. of Completed/Ongoing)	nil
c. Ph.D. (No. of Completed/Ongoing)	nil
No. of Projects Carried out	nil
No. of Patents (Filed & Granted)	nil
Technology Transfer	-
Research Publications (No. of papers published in National/International Journals/Conferences)	22
No. of Books published	-

"ATTESTED"

H. Atmakuri
PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 292



D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 10/08/2023

CIRCULAR

This is informing to all the faculty members that Department of **ELECTRICAL & ELECTRONICS ENGINEERING** is going to conduct One Day work shop on “**PATENT RIGHTS** “it is going to conduct from 12-08-2023. This will be a good knowledge sharing platform for faculty. All the staffs are advised to attend the program without fail.

H. Anand Kumar

Principal

PRINCIPAL

D.N.R. College of Engg. & Tech.
BHIMAVARAM-501 207

Copy to:

- 1) Secretary, & Correspondent
- 2) Principal's office
- 3) HOD(EEE),
- 4) Circular file.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (DNR CET) were established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories. Institute offers seven branches of Engineering at the undergraduate level and four post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE) and accredited With NBA & (A++) Grade by NAAC.

ABOUT THE DEPARTMENT

ELECTRICAL & ELECTRONICS ENGG.(EEE) Department

The Department of Electrical & Electronics Engineering (EEE) was established in the year 2010 with an intake of 60 for B.Tech (UG) program and 60 for DEEE. The department possesses one Doctoral faculty from reputed university. All faculty members of EEE are highly qualified. EEE students enjoy the benefits which includes well equipped lab facilities more relaxed and personal atmosphere with good internet facility, specialized attention and guidance from faculty members. Many EEE students are placed in reputed companies like VOLTECH, CPF, EFFOTRONICS and many software companies like HCL, TECH MAHINDRA, and TCS etc...

PROGRAMME OBJECTIVE

To create awareness to the students and faculty on the importance of One day work shop on patent rights in Electrical Engineering Applications, opportunities and challenges.

ABOUT WORKSHOP

- Patent rights are legal protections granted by a government to inventors for their inventions. These rights give the inventor the exclusive right to make, use, sell or import their invention within the country where the patent was granted. Patent rights are territorial meaning that a patent in one country only protects the invention in that country.

WORKSHOP COVERAGE

- Eligibility
- Duration
- Benefits

ORGANIZING COMMITTEE

Patron:

Sri G. V. NARASIMHA RAJU
Hon.. President,
DNR College Association

Vice Patron:

Sri G. SATYANARAYANA RAJU
Hon. Secretary & Correspondent
DNR College Association

Chairman:

Dr. M. ANJAN KUMAR
Principal, DNR CET

Advisory Committee:

Dr. B. V. S. Varma,
Professor (CSE) & Vice Principal

Dr. N. Venkata Rao,

Professor (ECE) & Dean Academics
Dr. A. Ramamurthy,
Professor (CSE) & Dean Administration
Dr. K. B. V. S. R. Subrahmanyam,
Professor (EEE) & Dean Exams

Conveners:

Dr. KBVSR SUBRAHMANYAM,
H.O.D, EEE & Dean, Exams

Coordinators

Mr. D. Joseph Kumar, EEE Dept.
Mr. M. Srinu, EEE Dept.

Organizing Committee

All the Staff members of Department of EEE.

Participants

All the B. Tech students of EEE

Resource Person

Dr. M. Siva Kumar

Professor,
EEE Department,
Gudevalleru Engineering College

Organized By

**Department of
ELECTRICAL & ELECTRONICS
ENGG. (EEE)**

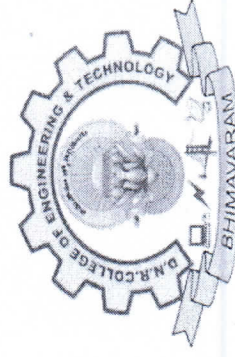
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Technology**

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Bhimavaram – 534 202

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**J.N.R. College of Engg. & Tech
BHIMAVARAM-534 202**



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi, Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ABOUT THE PROGRAMME

Title of the Program: ONE DAY WORK SHOP ON PATENT RIGHTS

Inauguration Date & Venue: 12th Aug 2023 & DNR CET Seminar Hall

Organized By: Department of Electrical and Electronics Engineering

Resource person:

Dr.M.Siva Kumar

Professor,

EEE Department,

Gudevalleru Engineering College

Chief Guest: Sri G.Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association

Inauguration: Dr. M.Anjan Kumar

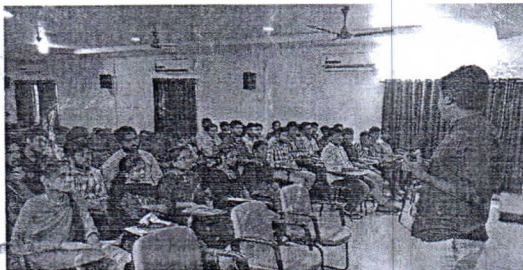
Principal, D.N.R College of Engineering & Technology

Number of Faculty Attended: 30

Concept:

Patent rights are legal protections granted by a government to inventors for their inventions. These rights give the inventor the exclusive right to make, use, sell, or import their invention within the country where the patent was granted. Patent rights are territorial, meaning that a patent in one country only protects the invention in that country.

- Eligibility
- Duration
- Benefits



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BHIMAVARAM - 2

CURRICULUM VITAE



PERSONAL PARTICULARS

Full Name **Dr. MANGIPUDI SIVA KUMAR**

Postal Address: **Professor & Mentor (AS&A), Department of EEE,** Telephone:

Gudlalleru Engineering College, Office: 08674-273737Ext:2100

Gudlalleru, Krishna District. Mobile: 9440354739/9701764651

Andhra Pradesh, India.

Residence: +91-9490833170

E-mail: profsivakumar.m@gmail.com & shivamangipudi2@rediffmail.com

Date of Birth	Sex	Place of Birth	Nationality	Religion
19-04-1971	Male	Amalapuram	Indian	Hinduism

EDUCATIONAL QUALIFICATIONS:

From	To	Institutions attended	Qualifications obtained
1986	1987	S.N.M.H.School, Rajahmundry, A.P.	State Board of Secondary Education
1989	1993	S.M.V.M. Polytechnic, TANUKU, A.P.	D.E.E.E First Class (73.44%)
1994	1998	College of Engineering, Jawaharlal Nehru Technological University, Kakinada, A.P	B.Tech(Electrical & Electronics Engg.), (78.55%)First Class with distinction.
2000	2002	College of Engineering (A),Andhra University, Visakhapatnam, A.P.	M.E. (Control Systems) First Class(69.5%).
2006	2010	College of Engineering ,Andhra University, Visakhapatnam, A.P.	Ph.D. (Large Scale System Modelling) Title: <i>DEVELOPMENT AND APPLICATION OF NEW ROUTH APPROXIMATION METHODS FOR HIGH- ORDER INTERVAL SYSTEMS REDUCTION</i> – <i>SOME NEW ASPECTS</i>

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Membership of Professional Institutions or Societies

- 1) Life Member of Indian Society of Technical Education : LM 40022Dt. Mar 2002
- 2) Member of International Association of Engineers (IAENG) No: 139003, Dt.18th Feb 2014.
- 3) Fellow of Institution of Engineers (FIE) :F-118726-7, Dt:30-04-2014.

HONORS/AWARDS/RECOGNITIONS

- First in district wise chess competition and in several competitions
- **Best paper award** in National Conference on Emerging Trends & Applications held at Rajkot.
- **Best paper award** in National Conference on Recent Trends in Electrical and Electronics Engineering, RTEEE-2017 held at Vignan's Institute of Technology, Visakhapatnam.
- Received **Best Teacher Award** in Shri Vishnu Engg College for Women.
- Received **Certificate of Appreciation** as a member of organizing committee in National Conference held during 29-30 Dec, 2007 in Shri Vishnu Engg College for Women.
- Received **Certificate of Appreciation** as a Convener of National workshop on recent Trends in Modelling & Simulation of Control Systems held during 7-9 July, 2007 in Shri Vishnu Engg College for Women.
- Received **Certificate of Appreciation** as a Coordinator cum resource person of workshop on Introduction to MATLAB & its tool boxes held during 12-16 Feb, 2007 in Shri Vishnu Engg College for Women.
- Received **Avula Jayaprada and Sambasiva Rao Prize and Endowment award** for **Best Ph.D Thesis in Engineering** for the years 2010 & 2011 by **Andhra University**.
- Received award "Certificate of Reviewing" from **ISA Transactions, Elsevier Journal**.
- Received **Certificate of Appreciation** for reviewing articles in **Journal of Institution of Engineers (Series-B), Springer**.
- Received **IETE S K Mitra award** for best research oriented paper published in IETE Journal of Research published in the year 2019.

EMPLOYMENT HISTORY

Present Appointment

Date of Present Appointment: **07-01-2011**

Position: **Professor & Mentor (Academic Strengthening & Advancement) of EEE**

Name and address of employer: **Gudlalleru Engineering College, Gudlalleru, Krishna District, A.P**

Total Experience: Teaching: 22 years Industry: 1 year

[Signature]
PRINCIPAL
GUR College of Engg. & Tech
BRIMMARAPETA 502

PREVIOUS APPOINTMENTS

From	To	Employer	Position Held
July 2017	Till today	Gudlavalleru Engineering College,	Mentor(AS&A)
Jan,2011	July 2017	Gudlavalleru, Krishna District	Professor&Head Ratified
May,2009	Jan,2011	S.V. P Engineering College, P.M. Palem, VISAKHAPATNAM. A. P, India.	Professor&Head
June,2005	May,2009	ShriVishnuEngineeringCollegefor Women, A.P.	Associate Professor Ratified
Nov,2001	June,2005	G.V.P.College Of Engineering, Visakhapatnam, A.P.	Assistant Professor Ratified
Dec,1998	Aug,2000	B.V.C.Engineering College, Odelarevu, Amalapuram, East Godavari District, A.P.	Assistant Professor
April,1994	March 1995	Ordnance Factory Project, Medak, A.P	Technical Assistant

Thesis Guided

18M.Tech40B.Tech

CONFERENCES/SEMINARS/ TRAINING PROGRAMS CONDUCTED

- Organized AICTE sponsored STTP program on “Automation and Intelligent Control of Electrical Systems” during 2020-21.
- Organizing Secretary for One-week FDP on” Refresher course on Basic electrical engineering” at GEC from 19th - 21th, June-2017.
- Organizing Secretary and resource person for One-week FDP on” Refresher course on pedagogy on machines and Power systems” at GEC from 9th - 15th, May-2016.
- Organizing Secretary for One-day seminar on” Renewable Energy resources for Sustainable Development” at GEC on 24th Feb 2016.
- Coordinator for two-day workshop on “Industrial Automation – PLC & SCADA” an outreach workshop of Shastra’15, IIT Madras in association with Innovians Technologies held at GEC from 12th -13th Feb,2015.

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- Organizing Secretary and resource person for One Day Workshop on "Non-Linear System Analysis" at GEC from 7th - 8th, Feb-2014.
- Organizing Secretary and resource person for One Day Workshop on "MATLAB and Its Toolboxes" at GEC on 24th, Jan-2014.
- Organizing Secretary and resource person for Two Day Workshop on "Control of Electric Drives" at GEC from 22nd - 23rd, June 2012.
- Convener and resource person for "Refresher Course on Electrical Machines" at GEC from 14th - 15th, Nov 2011.
- Convener for Three Day National workshop on "Recent Advancements in Modeling and Simulation of Control Systems", 7th-9th, July 2007.
- Coordinator of workshop on "MATLAB & its toolboxes", in SVECW for staff as a Secretary of ISTE Chapter 27th, Feb, 2007.
- Coordinator & resource person of workshop for staff in SVECW on "MATLAB and its Toolboxes" from 11th-12th, Feb 2007.
- Conducted Symposium on ADRIA MILAN-2006 & 2007 for engineering students at SVECW.
- Active member in conducting AICTE/ISTE sponsored STTP (Short Term Training Program) on "Application of Power Electronics to Power Systems", at GVP College of Engg in Dec 2004.
- Active member in conducting national Conference on "Recent Trends in Power System Operation and Control" at GVP College of Engg, 27th-29th, Dec 2003.

EXTENSION ACTIVITIES

- Served as **Head of the Department** of **EEE**, Gudlavalleru Engineering College, from 2011 to 2017.
- Guided the department as **Head** in acquiring accreditation status from **NBA** under **OBA** twice (ie in 2013(Final Mark: 736(Evaluation team marks:758, missed 5 years accreditation))& 2016) in Gudlavalleru Engineering College.
- Guided the faculty in conducting UGC/DST/AICTE- Minor/Major Research Project.
- Worked as active member for preparation of Documents for Accreditation by NBA, at GVP College of Engineering, Bhimavaram and Shri Vishnu engineering College for Women, Bhimavaram.
- Developed all Under Graduate Labs for Electrical Engineering as per AICTE norms, in BVC Engg College.
- Developed Simulation and Renewable Energy laboratories.
- Department In charge of Lab's committee at GVP College of Engg.

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- Member of Examination committee at GVP College of Engg.
- Guided the students for technical paper presentations at different student conferences.
- Motivated the students to improve technical skills by conducting technical quizzes
- Secretary cum Treasurer of ISTE Chapter, SVECW at Bhimavaram.
- Presented papers in International Conferences with the students of SVECW.
- Delivering guest lectures in various engineering colleges on latest topics
- Delivered lectures in a workshop on "Real time Engineering Applications in Mathematics" at Shri Vishnu Engineering College for Women, Bhimavaram during 1-2, Sept 2007.
- Technical program in various international symposiums at different engineering colleges

SOFTWARE SKILLS:

FORTRAN, "C", MATLAB, SIMULINK, Sim Power systems, PSPICE, CC Package, Program CC.

SHORT TERM COURSES ATTENDED:

- A National Level Workshop on "Intellectual Property Rights & Patents - A View" organized by IQIP, Gudlavalleru Engineering College, Gudlavalleru held during 10th - 12th August 2019.
- One week TEQIP-III Faculty development program on "Advanced Microgrid operation and control" organized by Veer Surendra Sai University of Technology, Burla, Odisha, 8th -12th Sept 2020.
- One week TEQIP-III Faculty development program on "The Development of the Energy Internet (eleT) in Green energy Infrastructure" organized National Institute of Technology, Assam, 1st -5th Sept 2020.
- Webinar on "Teaching Online, The New Normal: Opportunities & Challenges" organised by Business Standard in association with great learning, 22nd Aug, 2020.
- One week online Faculty development program on "Recent Trends in Electrical engineering" organized by Vishnu Engineering College of Technology, Bhimavaram, 8th -12th June 2020.
- Online Course on "Digital Transforms" organized by AICTE conducted during 22nd - 25th April, 2020.
- * One week Faculty development program on "Advanced linear continuous control systems: MATLAB programming and simulink" organized by NPTEL-AICTE, 25th April - 2019.

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D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

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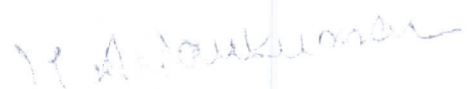
DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ONE DAY WORKSHOP ON PATENT RIGHTS ON 12th Aug 2023

SI	NAME OF THE STUDENTS	DEPARTMENT	DATE 12/08/2023	
			AN	FN
1.	M. Kanya Sai	EEE	m. Kanya Sai	m. Kanya Sai
2.	T. Rajeswari	EEE	T. Rajeswari	T. Rajeswari
3.	S. Radha Kalyani	EEE	S. Radha Kalyani	S. Radha Kalyani
4.	T. Aishwarya	EEE	T. Aishwarya	T. Aishwarya
5.	T. Aishwarya	EEE	T. Aishwarya	T. Aishwarya
6.	K. Sai Gayathri	EEE	K. Sai Gayathri	K. Sai Gayathri
7.	K. Sai Gayathri	EEE	K. Sai Gayathri	K. Sai Gayathri
8.	T. Venu	EEE	T. Venu	T. Venu
9.	K. Teja	EEE	K. Teja	K. Teja
10.	P. Suresh	EEE	P. Suresh	P. Suresh
11.	V. T. Durga Sai	EEE	V. T. Durga Sai	V. T. Durga Sai
12.	M. Sai prakash	EEE	M. Sai prakash	M. Sai prakash
13.	Ch. anand Sai	EEE	Ch. anand sai	Ch. anand Sai
13.	A. Santosh	EEE	A. Santosh	A. Santosh
14.	A. Yuva Raju	EEE	A. Yuva Raju	A. Yuva Raju

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BHIMAVARAM-534 207

14	G. Durga Varaprasad	EEE	G. Durga Varaprasad	G. Durga Varaprasad
15	P. D. Satyanarayana	EEE	P. D. Satyanarayana	P. D. Satyanarayana
17	K. Vijay Lakshmi	EEE	K. Vijay Lakshmi	K. Vijay Lakshmi
18	T. Malli Kaxsun.	EEE	T. Malli Kaxsun.	T. Malli Kaxsun.
19	K. Ruthin	EEE	K. Ruthin	K. Ruthin
20	V. Dili P Kumar	EEE	V. Dili P Kumar	V. Dili P Kumar.
21	M. S. N. Suresh	EEE	M. S. N. Suresh	M. S. N. Suresh
22	T. K. Dinesh	EEE	T. K. Dinesh	T. K. Dinesh.
23	N. Ganesh	EEE	N. Ganesh	N. Ganesh
24	R. L. Venkataraju	EEE	R. L. Venkataraju	R. L. Venkataraju.
25	P. B. Narayana	EEE	N. Ganesh	N. Ganesh
26	R. H. V. S. Gopal	EEE	R. H. V. S. Gopal	R. H. V. S. Gopal.
27	P. Likitha	EEE	P. Likitha	P. Likitha
28	P. N. V. Krishna	EEE	P. N. V. Krishna	P. N. V. Krishna.
29	P. M. S. Lakshman	EEE	P. M. S. Lakshman	P. M. S. Lakshman
30.	P. Rajesh	EEE	P. Rajesh	P. Rajesh.


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What is Patent Rights

Patent rights are legal protections granted to inventors or assignees for new and useful inventions, which can be products, processes, machines, or compositions of matter. When granted a patent, the inventor (or the entity holding the patent rights) obtains the exclusive right to make, use, sell, or distribute the patented invention for a specific period, usually 20 years from the patent filing date (in the case of utility patents in most countries). This exclusivity prevents others from making, using, or selling the patented invention without permission, offering the patent holder a competitive advantage in the marketplace.

Types of Patents:

1. **Utility Patents:** These are the most common type and cover new inventions or discoveries of useful processes, machines, manufactures, or compositions of matter.
2. **Design Patents:** These protect new and original ornamental designs for articles of manufacture. They do not protect the functional aspects of an invention, just its appearance.
3. **Plant Patents:** These are granted for the discovery or asexual reproduction of new and distinct plant varieties.

Patent Rights:

- **Exclusive Rights:** The patent holder has the exclusive right to make, use, sell, and license the patented invention.
- **Right to License:** The patent holder can license others to use the patent, usually in exchange for royalties or other compensation.
- **Right to Enforce:** The patent holder can take legal action against others who infringe on the patent rights (i.e., making, using, selling, or distributing the patented invention without permission).
- **Right to Transfer:** Patent rights can be sold or transferred to other parties (i.e., through assignment).

Key Patent Concepts:

- **Novelty:** The invention must be new, meaning it hasn't been publicly disclosed or patented before.
- **Non-Obviousness:** The invention must not be obvious to someone skilled in the relevant field based on existing knowledge.
- **Utility:** The invention must be useful or functional.
- **Disclosure:** The inventor must publicly disclose how the invention works in a patent application so that others skilled in the art can replicate it.

Patent Infringement:

If someone else uses the patented invention without the patent holder's consent, it constitutes patent infringement. The patent holder can then file a lawsuit to seek remedies, including an injunction (to stop the infringement) and damages (financial compensation).

Global Patent System:

Patents are generally territorial, meaning they are only valid in the country or region where they are granted. However, international agreements like the **Patent Cooperation Treaty (PCT)** allow inventors to file a single patent application that can be used as the basis for seeking patent protection in multiple countries.

Patent Duration:

- In most cases, the protection lasts **20 years** from the filing date for utility patents.
- For **design patents**, the protection typically lasts **15 years** from the grant date in the U.S.
- **Plant patents** last **20 years** as well.

Patent rights are legal protections granted to the inventor of a new and useful invention. These rights allow the inventor to exclude others from making, using, selling, or distributing the invention without permission for a certain period of time, typically 20 years from the filing date of the patent application (for utility patents).

To secure patent rights, the inventor must file a patent application with the relevant patent office (such as the United States Patent and Trademark Office or the European Patent Office). The application must demonstrate that the invention is novel, non-obvious, and useful. Once granted, the patent owner has the exclusive rights to the invention, but they also have the responsibility to enforce those rights.

Patents can be granted for various types of inventions, including processes, machines, manufactures, and compositions of matter. There are also different types of patents, such as utility patents (for inventions or discoveries of new processes or machines) and design patents (for new, original, and ornamental designs of articles of manufacture).

Patent rights can be transferred or licensed to others, allowing them to use the invention under agreed terms. If someone uses a patented invention without permission, the patent holder can take legal action to protect their rights.

17
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BHIMAVARAL

INAUGURATION

Inauguration of "Advanced Java Programming".

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU
Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M. ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. B V S VARMA

Vice - Principal, DNR CET.

CONVENER

Sri. Dr. G. SATYANARAYANA
Head & Prof.

DEPARTMENT OF CSE

WORKSHOP COORDINATORS

Mr. CH VENKATA REDDY
Asst. Prof.

DEPARTMENT OF CSE

ORGANIZING COMMITTEE

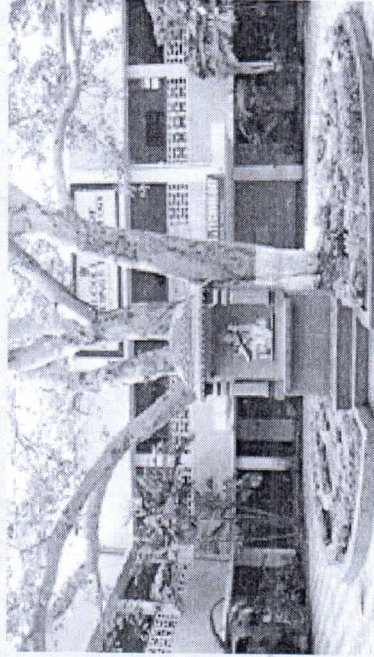
1. Dr. A. RAMA MURTHY
2. Dr. B. VRAM KUMAR
4. Mr. L. BUJJI BABU
5. Dr. P. SAMBASIVARAO
6. Mr. A S N V BHOGESH
7. Mr. M. S. N. SRIKANTH
8. Mrs. N. BHARATHI
9. Mrs. E. RAMA LAKSHMI
10. Mrs. K. SHYAMALA
11. Mrs. V. NAVYA DEVI
12. Mrs. P. LALITHA
13. Mrs. CH. SIVA DURGA
14. Mr. G V S SRI RAM
15. Ms. M S V S K PRABHAVATI
16. Mr. K. V. CHANDRAN
17. Mr. K. SARAT CHANDRA
18. Mrs. M. MOUNIKA DEVI

VENUE & TIME:

DIGITAL LIBRARY.

DNR College of Engineering & Technology.

TIME : 9:30 AM Onwards

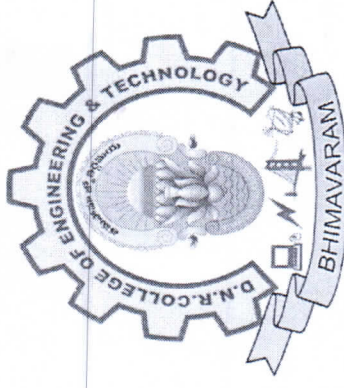


ONE DAY WORKSHOP ON PATENT RIGHTS

17 AUG 2023

Organized By

**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**



**DNR COLLEGE OF ENGINEERING &
TECHNOLOGY (A)**

BALUSUMUDI, BHIMAVARAM-534202,

W. G. Dist., Andhra Pradesh.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (Autonomous) (DNR CET) was established in the year 2010 at DNR College campus, balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.

Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members of CSE are highly qualified. CSE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.

SEMINAR THEME

The course builds a strong understanding of JDBC Technology. It gives in to demonstrate why Servlets are the cornerstone of Java's Web platform. It then shows how JSP is built on the Servlet architecture. Additionally, the class shows students how to use JSTL, custom tags and expression language to reduce Java code in Web pages while adding tremendous power and capability to those pages. The class culminates in an exploration of Java MVC frameworks like Struts at a high level.

Learn the fundamentals of JDBC and using the different interfaces in the JDBC API. Learn how to use Java servlets in the role of Web application control. Identify the options to state management in a Java Web application and understand the pros/cons of each. Understand how JSPs can help to separate Web logic and functionality from page layout. Explore how to make JSPs smaller and more powerful with JSTL, custom tags and expression language. Explore strategies in the exchange of data between Web pages (views) and business processing (model). Learn the meaning and importance of MVC

TOPICS FOR DISCUSSION INCLUDE

- System for shorter flight times. With his invention, Håkan Lans has made it possible to shorten flight times. ...
- The possibility to move. ...
- Pen with scanner. ...
- The screw that tricks the body. ...
- Breastfeeding shirts. ...
- Life-saving invention. ...
- Packaging success. ...
- The blood rocker.

Resource Person

Dr.M.N.RAO,

Professor in CSE

KLU- GUNTUR,



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

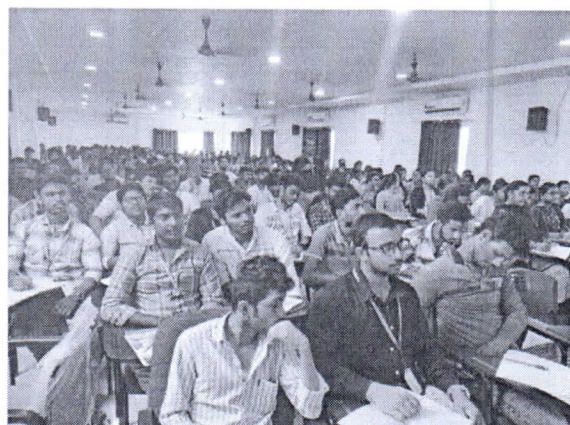
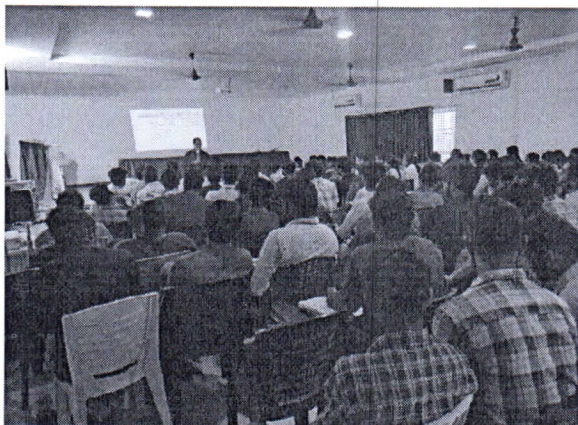
A Report on One day Workshop on Patent Rights

Held during 17th Aug 2023

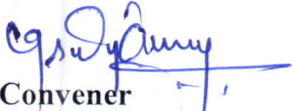
Conducted by: Department of Computer Science and Engineering

A One-day workshop on Patent Rights was organized by Department of Computer Science and Engineering. The program was inaugurated by Dr.G.SATYANARAYANA, HOD, CSE along with an inaugural speech highlighting the importance of these topics for the students. It is a part of Self-awareness. If you're self-aware, you always know how you feel, and you know how your emotions and your actions can affect the people around you

The Resource person Dr.M.N.RAO professor at St.Mary's group of institutions is delivered a lecture on **Patent Rights**. The event was basically designed to bring the college students and teachers on a single platform and share the information on teaching strategies needed for how to get Patent Rights and effective learning process in Computer Science & Engineering. Mr. CH VENKATA REDDY Asst. Prof Department of CSE in Computer Science and Engineering, DNR CET acts as a Coordinator to the event.




Coordinator


Convener
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF CSE**



**One day Workshop on Patent Rights
From 17th Aug 2023**

❖ 17.08.23

❖ Venue: Digital Library
DNR CET

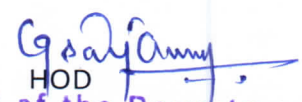
PROGRAMME

- | | | |
|--------------------------------|---|--------------------------|
| * Registration | - | 09-30 A.M. to 10-00 A.M. |
| * Inauguration of the Workshop | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 1 | - | 11-00 A.M. to 01-00 P.M. |

LUNCH BREAK

- | | | |
|-----------------------|---|--------------------------|
| * Session 2 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 2 Continues | - | 03-00 P.M. to 04-20 P.M. |
| * Close the Session | - | 04-30 P.M. |


Coordinator


HOD
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

Resume

Name : Dr. M .Nagabhushana Rao

Father's Name : M. L.Narayana

DOB : 23/04/1969



Academic Qualifications

Course	University	Year of Passing	Division
B.E(CSE)	Amaravathi University,India	1992	1 st Class
M.S-Software	B.I.T.S-PILANI	1996	6.7 CGPA
M.Tech (CSE)	JNTU, Kakinada,India	2012	Distinction
Ph.D—Computer Science(Faculty of science)	Sri Venkateswara. University , India	2006	----

Teaching Experience:22 Years

S. No	Institute Name	Designation	From	To
1	Y.N.College, P.G.Course, Narsapur	Lecturer	May-1992	Nov-1996
2	N.B.K.R.I.S.T.Engineering College , Vakadu, Nellore	Asst. Professor- Ratified	Nov-1996	April-1998
3	Sree Vidyanikethan Engineering College,Tirupathi	Assoc. Professor- Ratified	April-1998	June-2006
4	C. R. Engineering College, Tirupathi	Professor	June-2006	May-2007
5	Godhavari Institute of Engineering& Technology , Rajahmandry	Professor	June-2007	May- 2008
6	Narayana Engineering College, Nellore	Professor	May-2008	May- 2010
7	Swarnandhra College of Engineering& Technology	Professor-	Dec-2012	--Till date--

College, Narsapur	Ratified(JNTUK)		
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Publications List(Few latest Papers listed):

S.No.	Title of Paper /Report/Book	Author(s)	Name, Vol. & number of Journal, and Year of Publication.	Page No.	
				From	To
21	Data Stream Association Rule Mining Based on Sliding Window Model	Dr. M. Nagabhushana Rao,S.Uma Maheswar Rao,N.Tulasi Raju	International Conference on Recent Advances in Computer Sciences,June-July,2012	509	513
22	Spatial Auto Regression for Traffic Control	Dr. M. N. Rao, Dr. M. Muralidhara Rao, Mr. P. Ramesh Babu	International Conference on Computing and Information Technology, TIRUPATI ,13-14,July,2012	56	59
23	Spatial Mining System for Disaster Management	Dr. M. N. Rao, N K Kameswara Rao, Dr. G. P. Saradhi Varma	International Journal of Innovative technology and Research,Volume No. 1,Issue No. 1,December-January,2013	32	36
24	Disaster Prediction System Using IBM SPSS Data Mining Tool for Cholera	Dr. M. N. Rao, Dr. M. Muralidhara Rao, Vedavathi P	International Journal of Computer Science and Technology,Volume 4,Issue 2,April-June 2013	136	140
25	Spatio-Temporal Representation of Disaster System	Dr. M. N Rao, Ms. P. Vedavathi	International Journal of Scientific & Engineering Research, Vol. 4, Issue 9, September-2013.	93	98
26	A Secure Friend Finder Navigation System Using GPS & GPRS/CDMA	Dr. M. N Rao, Y.L.N.Swami Papalu	International Journal of Computer Engineering & Applications, Vol. 4, Issue 3, Dec.-2013.	76	82
27	Text Clustering Using Reference Centred Similarity Measure	Dr. M. Nagabhushana Rao,Mr. P. Ramesh Babu	Advances in Intelligent Systems & Computing,249, ICT: Proceedings of 48th CSI, SPRINGER, Dec-2014.	27	35
28	Effect Self Loop Avoidance Weighted NDFA Method Using Cahe Counter Classifier Algorithm for effiecient and fastest reachable path in travelling networks.	Dr. M. Nagabhushana Rao, Kartheek V.L , Srinivas Rao . M.	IJRCCT Computer and Communication Technology, Vol 4, Issue 8, August 2015. ISSN ONLINE: 2278-5841	524	529
29	A Novel Key Generation Technique Used In Tablets and Smart Phones	Dr. M. Nagabhushana Rao, Kartheek V.L , Srinivas Rao . M.	IJERA ; International Journal of Engineering and Applications, Vol 5, Issue 8, Part-5, August 2015, ISSN : 2248-9622	127	132

Professional Memberships

- IEEE MEMBER NO: 41482851
- ISTE MEMBER NO: GM 48209

Skill Set

- Good at **Books Authoring**, Research Projects, Organizing Conferences , Good at Database, Dataware house, Data Mining, Cloud Computing subjects, **Bigdata- Hadoop** Software trained.

Patents

- Patent applied for "Finger Print Image Retrieval System".

Trade Mark

- Attained a trade mark for the device "I know you"- **FICS 143**.

Research Project

- **Govt project- AICTE – RPS Scheme- Project on "Epidemic Identification System of Dengue"** costs Rs. 7 lakhs, was completed between 2011-2013 and report was submitted.

Publications

- Untill now 27 articles were published.

Books Published

2 books from **Prentice Hall India Limited**, available in Amazon, flipkart, phiindia.com webportals

- **Free Open Source Software – Prentice Hall India Ltd, May-2014.**
- **Cloud Computing - Prentice Hall India Ltd, May- 2015.**
- **BigData- book in Review stage, exptd in Sept-2016.**

Achievements

- Team Member of Android Apps Designing, R&D Cell, www.scetrnd.in.
- Established Research laboratory for AICTE-RPS.
- Established Research & Development Cell in CSE department, SCET.
- Chair a session of "Int. conf- ICRACS2K12" on March 30th & 31st of 2012 at Godavari Institute of Engineering & Technology, Rajahmundry, A.P.
- Worked in department for NBA, NACC, AUTONOMOUS accreditation work.
- Visted IBM Hyderabad Development center for giving demo on our R&D center developed e-survey App.

Journal Reviews

- Reviewer for IJET-International Journal of Engineering & Technology, Singapore.

Workshops Conducted& Attended(Recently)

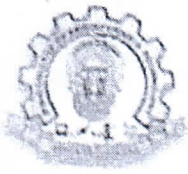
- Conducted and acted as a resource person for a workshop on Android Apps Development at Swarnandhra Engineering College on 22nd, December, 2012.
- Conducted a FDP on IBM SPSS MODULER- Data Mining, by Mr Rakesh Mohan Das from IBM, Delhi, Dt: 12th & 13th Dec 2012.
- Attended "CORE JAVA PROGRAM" from 12/11/14 to 17/11/14 conducted by Council of technical education and training of Falcon Systems & Services.
- Attended "Big Data & Hadoop " from 15/12/2015 to 15/1/2016 conducted by Brain4ce Education Solutions.

STUDENTS ATTENDANCE REPORT

SNO	REG.NO	NAME	ATENDANCE
1	219P1A05D3	PACHIGOLLA SRI NAVYA	✓
2	219P1A05D4	PASUPULETI BHANU KIRAN	✓
3	219P1A05D5	PATHIVADA SALMAN RAJU	✓
4	219P1A05D6	MAJJI JHANSI	✓
5	219P1A05D7	PATSAMATLA P SAI LAKSHMI	✓
6	219P1A05D8	PEMMADI SURESH KUMAR	X
7	219P1A05D9	PENMETSA BINDHU SRI	✓
8	219P1A05E0	PENMETSA DIVYA NAGANJALI	✓
9	219P1A05E1	PENMETSA JAGADEESH PHANI VARMA	✓
10	219P1A05E2	PENMETSA NITHIN VARMA	✓
11	219P1A05E3	PERICHERLA ANUSHA	✓
12	219P1A05E4	PILLA SRIDHAR	✓
13	219P1A05E5	PINIKE SATYA RAJ KUMAR	✓
14	219P1A05E6	PINNINTI KIRANMAI	✓
15	219P1A05E7	PRATHALA PREAM VEERA VENKATA SAI	✓
16	219P1A05E8	R AGUNASEHKARNAGAMANIKANTA	✓
17	219P1A05E9	SUVVARI SRILATHA	X
18	219P1A05F0	RAVI UMA MANIKANTA	✓
19	219P1A05F1	REDDY ABHISHEKU	✓
20	219P1A05F2	RUDDARRAJU ASHWINI	✓
21	219P1A05F3	RUDDARRAJU SATYA SIVANI	✓
22	219P1A05F4	RUDRARAJU VENKATA SAI AJAY VARMA	✓
23	219P1A05F5	SABBEY AKANKSHA	✓
24	219P1A05F6	SAKA RAJA SEKHAR	✓
25	219P1A05F7	SANAKA PAVAN KUMAR	✓
26	219P1A05F8	SANGAMESWARA NAGA SURYA LAKSHMI SAILAJA	✓
27	219P1A05F9	SAYALA KRISHNA ABHIRAM	✓
28	219P1A05G0	SHAIK JAMEER	✓
29	219P1A05G1	SIRRA MOUNIKA	✓
30	219P1A05G2	TAMMINENI CHANDINI	✓
31	219P1A05G3	NALLAPARAJU SUPRAJA	✓
32	219P1A05G4	TEKI GANGA LAKSHMA RAMANJI	X
33	219P1A05G5	TEKU NAGADEVI	✓
34	219P1A05G6	THOTA HEMA UMA MAHESWARI	✓

35	219P1A05G7	THOTA PRAHARSHA	✓
36	219P1A05G8	TIPPANI PAVAN BALAJI	✓
37	219P1A05G9	TIRUMALASETTI VARUN SAI SANDEEP	✓
38	219P1A05H0	ALAJANGI MAHIMA RAJU	✓
39	219P1A05H1	UDDARRAJU CHARISHMA	✓
40	219P1A05H2	ALLURI VINAY KUMAR VARMA	✓
41	219P1A05H3	VANGAPALLI HEMANTH SAI	✓
42	219P1A05H4	VALLURI DIVYA TEJA	✓
43	219P1A05H5	VEERAGANI LAKSHMI NARASIMHA SWAMI	✓
44	219P1A05H6	VEGESNA SAI SINDHU	✓
45	219P1A05H7	VEGESNA VARA LAKSHMI	✓
46	219P1A05H8	VEGESNA YORSHITA VARMA	✓
47	219P1A05H9	VEGESNA VARSHITHA	✓
48	219P1A05I0	VELPURI SYAM SAI DURGA	✓
49	219P1A05I1	VIJESWARAPU SINDHU PRINCY	✓
50	219P1A05I2	RAYUDU TARA RANJIT	✓
51	219P1A05I3	VINJAMURI PRIYANKA	✓
52	219P1A05I4	VUYURI KOMALI SIVA MAHESWARI	✓
53	219P1A05I5	PAPPALA DURGA NAVYASRI	✓
54	219P1A05I6	YARRA DEVIKASIRI	✓
55	219P1A05I7	ALLURI SRINIVAS SAI VARMA	X
56	219P1A05I8	NANDA SIVA SURYA MANIKANTA	✓
57	219P1A05I9	PULAMANTULA BHANU SRI PRAKASH	✓
58	219P1A05J0	VENDRA SRI SURYANARAYANA	✓
59	219P1A05J1	VELIGATLA HEMANTH SAI	✓
60	219P1A05J2	MEKA DEVI SRI RANGA PRASAD	✓
61	219P1A05J3	MANCHEM RAVI TEJA	✓
62	219P1A05J4	M V U S NARASIMHULU	✓
63	219P1A05J5	DODDIPATLA VEERA BHADRA RAO	X
64	219P1A05J6	LANKI SAI DURGA	✓
65	219P1A05O1	ANEGANDHI LAKSHMI SAI HEMANTH	✓
66	219P1A05O2	ACHANTA DURGA BHAVANI	✓
67	219P1A05O3	BHUKYA ANUSHA	✓
68	219P1A05O4	ADDANKIRICKY PAUL ADAMA	✓
69	219P1A05O5	AKURATHI DURGA NAGA PRAVEENA	✓
70	219P1A05O6	AKURATHI DURGA NAGA SRI CHAITANYA	✓

71	219P1A0507	MUDHUNURI SANDHYA RANI	✓
72	219P1A0508	ANDE KOTI SAI ESWAR GANESH	✓
73	219P1A0509	ARAJA VEERANJANEYULU	✓
74	219P1A0510	BALEYHARSHITHA	✓
75	219P1A0511	BADIREDDY ASHA DEEPIKA	✓
76	219P1A0512	BALE SAI KIRAN BANDARU N V DURGA MANI KANTA THIRUPATHI	✓
77	219P1A0513	RAO	✓
78	219P1A0514	BOBBILI HEMA NAGA SAI TEJA	✓
79	219P1A0515	PONNAMANDA JAYANTH	✓
80	219P1A0516	BOMMIDI JANAKISRIRAM	X
81	219P1A0517	BORRA TEJA PHANEENDRA	✓
82	219P1A0518	BOTLA DEVI KALYANI	✓
83	219P1A0519	BUNGA SWEETY	✓
84	219P1A0520	CHAMARTHI KIRAN	✓
85	219P1A0521	CHANDAKA VISHNU YARDHAN CHANDRABHATLA LEELA SAI MAHALAKSHMI	✓
86	219P1A0522	SRUJANA	✓
87	219P1A0523	CHAVA SRAVYA	✓
88	219P1A0525	CHITTIBOMMA NAGA BABU	✓
89	219P1A0527	DASARI MEGHANA	✓
90	219P1A0528	DASARI KEERTHIKA	✓
91	219P1A0529	DENABOINA VENKATA SIVA RAMA KRISHNA	✓
92	219P1A0530	DEVALACHERUVU SREEHARI	✓
93	219P1A0531	DHULIPUDI PHANEESWARI	✓
94	219P1A0532	METTA RAVI TEJA	✓
95	219P1A0533	DONGA JANAYATRI	X
96	219P1A0534	EDA SANJAY BABU	✓
97	219P1A0535	ELURI LEELA	✓
98	219P1A0536	GANTA PAUL RONALD	✓
99	219P1A0538	GANDIKOTA MAHIMA KUMAR	X
100	219P1A0540	PATI APURVA	X
101	219P1A0541	GEDDAM SAI TEJA	✓
102	219P1A0542	GIDDI ABHISHEK SAI	✓
103	219P1A0543	GIRIJALA DEEPAK NAGA SUBHASH	✓
104	219P1A0544	GOGU MEGHANA	✓
105	219P1A0545	GOSALA SWEETI	✓
106	219P1A0546	GUDIPATI LINGA RAJ KUMAR	✓



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Accredited by NAAC with A++ Grade
Ph: 08816-221238 Email: dnrct@gmail.com website: <https://dnrct.org>

DEPARTMENT OF CIVIL ENGINEERING

Report on World Entrepreneurs Day

➤ **Session Details:**

- **Scheduled Date:** 20 th August 2023
- **Duration:** 10 AM - 12 PM
- **Venue:** Seminar Hall, DNR College of Engineering & Technology
- **No.of students attended:** 96

➤ **Objective of the Session:**

The primary objective of this session was to initiate ongoing activities throughout the year aimed at generating awareness, fostering creativity, motivating students to consider entrepreneurship as a career option, and promoting an innovative and startup-friendly ecosystem and culture among students and faculty on campus.

➤ **Event Highlights:**

On 22nd August 2024, the Department of Civil Engineering organized a session to mark World Entrepreneurs' Day. The theme of the session was "Entrepreneurship, Innovation, and Start-ups." The event was conducted by the Department of Civil Engineering at DNR College of Engineering & Technology. The keynote speaker, an esteemed alumnus of the Civil Engineering Department, was formally welcomed and introduced by the Mr. M. Venkata Krishna.

The Principal, Dr. M. Anjan Kumar, addressed the students with inspiring words, encouraging them to pursue entrepreneurial endeavors.

The distinguished speaker, Mr.S.Suresh, Director of Dwarakasai construction and Interiors Private Ltd. West godavari, Andhra pradesh, delivered an insightful speech on the concept of entrepreneurship and its significance, illustrating his points with various examples. He emphasized the importance of innovation and creativity in the entrepreneurial process and shared success stories of renowned entrepreneurs like Steve Jobs and Jack Ma. Dr.K.Ganga Raju concluded his talk by discussing the various funding agencies available to support new entrepreneurs.

Following the speech, a Q&A session was held, where students actively participated, asking questions and clarifying their doubts. The session concluded with a formal vote of thanks by Mr. M. Venkata Krishna, with the faculty members of the Civil Engineering Department also in attendance.

"ATTESTED"

M. Anjan Kumar

PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202



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DEPARTMENT OF CIVIL ENGINEERING

➤ Key Points Delivered by the Speaker:

- Importance of Entrepreneurship
- Celebrating Innovation and Risk-Taking
- Overcoming Challenges
- Role of Mentorship and Support Systems
- Inspiring the Next Generation
- Diversity and Inclusion
- Global Impact
- Celebrating Successes
- Vision for the Future

➤ Outcome of the Session:

- Students gained insights into setting future goals.
- Understanding how to turn problems into opportunities.
- Development of various entrepreneurial skills.

➤ Photographs of the Session:



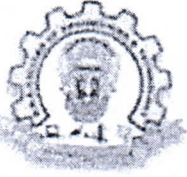
Fig1 : Dignitaries on the dias

" ATTESTED "

H. Subramanian

PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202



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DEPARTMENT OF CIVIL ENGINEERING

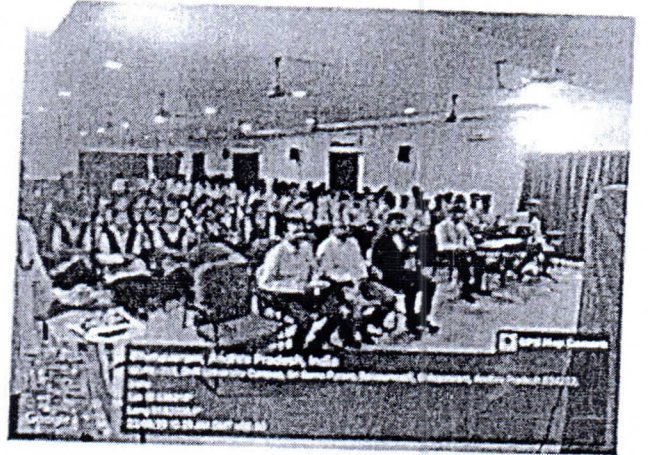
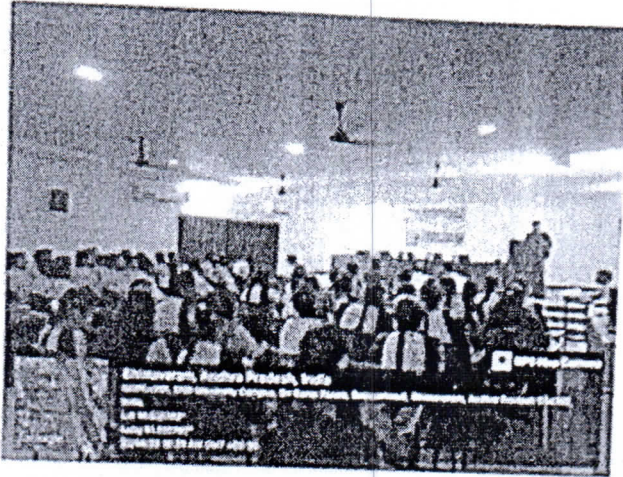


Fig 2 Addressing the session by Coordinator, Department of civil engineering

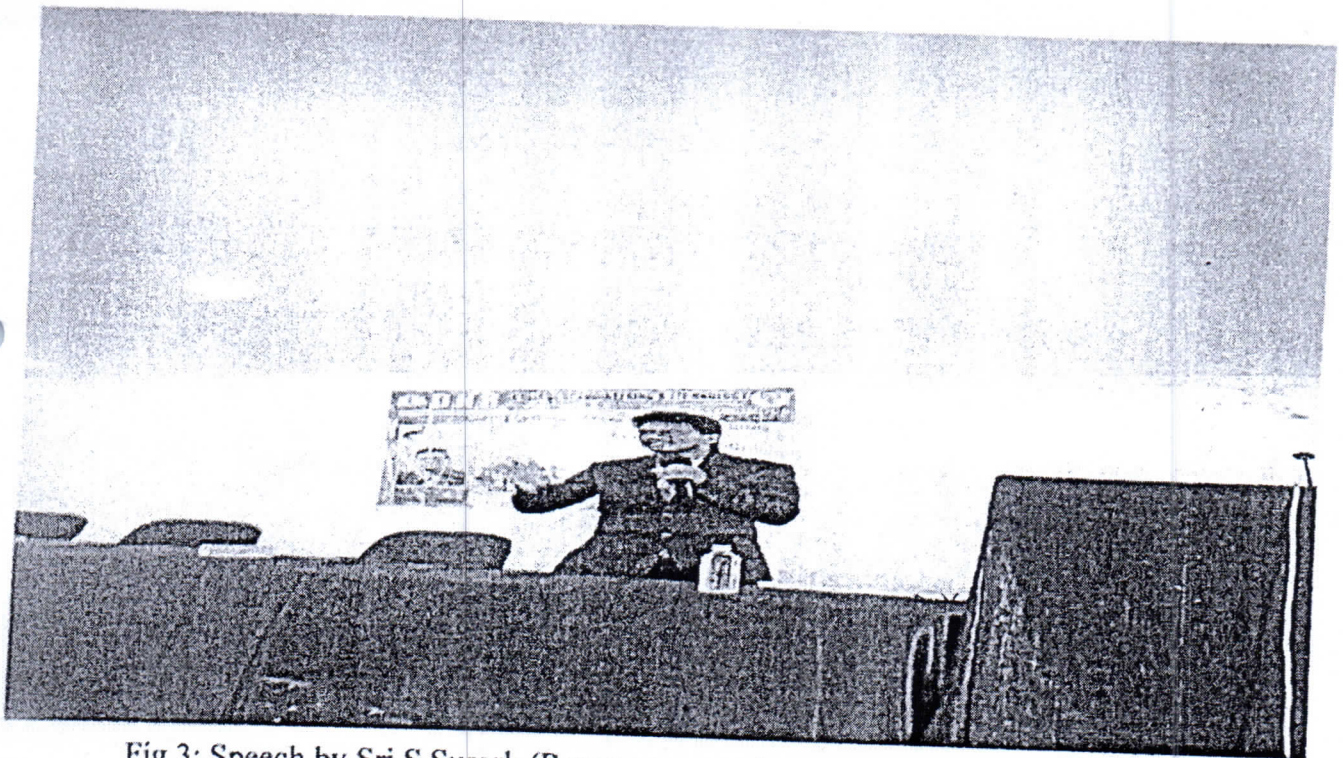


Fig 3: Speech by Sri.S.Suresh (Resource person)

M.V.K
Coordinator

"ATTESTED"
H. Subramanian
PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

H. Subramanian
Head of the Department
Civil Engineering
DNR College of Engg. & Tech.
BHIMAVARAM-534 202.



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Name of the programme : World Entrepreneurs Day
Venue Seminar hall
Department: CE

Date: 20/08/2023
Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1	Ashwini Bhanu	CE	Ashwini
2	Dijay Kumar	CE	Dijay
3	Kishore	CE	Kishore
4	Bhanu	CE	Bhanu
5	Satish	CE	Satish
6	Bhawana	CE	Bhawana
7	Bhuvanagundla	Civil	Bhuvanagundla
8	S Ragu	CE	Ragu
9	K. Lokesh	CE	Lokesh
10	K. Blessy	CE	Blessy
11	P. Harish	CE	Harish
12	B. Jessica	CE	Jessica
13	P. Prasanna	CE	Prasanna
14	B. Raj	Civil	Raj
15	N. Gangadhar	CE	Gangadhar
16	K. Madhubabu	CE	Madhubabu
17	P. Uou Satish	CE	Satish
18	T. Vidyaash	CE	Vidyaash

M. V. Kar
Coordinator

"ATTESTED"
H. Anandkumar
PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Head of the Department
Civil Engineering
DNR College of Engg. & Tech.
BHIMAVARAM-534 202.

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Ph: 08816-221238 Email: dnrcet@gmail.com website: https://dnrcet.org

Name of the programme : World Entrepreneurs Day

Venue : Seminar hall

Department : CE

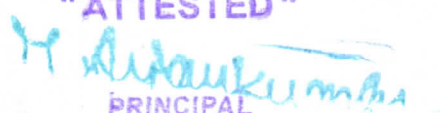
Date : 10/08/2023


Time : 10AM-12 PM

Attendance sheet

S.No	Student name	Department	Signature of the student
1	S. Ishan	CE	S. Ishan
2	Pavan	CE	Pavan
3	B. Durga Prasad	CE	B. Durga Prasad
4	Prasanna	CE	Prasanna
5	Vijaya Sri	CE	Vijaya Sri
6	G. Sini	ECE	G. Sini
7	K. K. Sreejitha	ECE	K. K. Sreejitha
8	K. Jyothsna	ECE	K. Jyothsna
9	K. K. L. Keerthi Poorna	ECE	K. K. L. Keerthi Poorna
10	K. P. D. Prasad	ECE	K. P. D. Prasad
11	D. L. Prudhwal	ECE	Prudhwal
12	D. Prasad	ECE	D. Prasad
13	G. S. Poorna darsini	ECE	G. S. Poorna darsini
14	Ch. Srujan Kumar	ECE	Ch. Srujan Kumar
15	A. Sayaram	ECE	Sayaram
16	A. M. N. B. Prakash	ECE	A. M. N. B. Prakash
17	S. Anitha	ECE	S. Anitha
18	K. H. Varma	ECE	Varma


Coordinator

"ATTESTED"

PRINCIPAL
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202


Head of the Department
Civil Engineering
DNR College of Engg. & Tech.
BHIMAVARAM-534 202


Name of the programme : World Entrepreneurs Day
 Venue : Seminar hall
 Department : CE

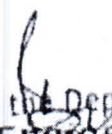
Date: 20/08/2023
 Time : 10AM-12 PM

Attendance sheet

No	Student name	Department	Signature of the student
1	A.V.SAIYA VARDHAN	C.E	A.V.Saiya Vardhan
2	M.Sethu Madhavam	C.E	M.S.Madhavam
3	A. Bala Ramya	AIDS	A. Bala Ramya
4	A. Sai prasad	AIDS	A. Sai pras ad.
	B.surendra	AIDS	B. Surendra
6	B.Dinesh Kumar	AIDS	B. Dinesh Kumar
7	A.Sri Tavan Sai	AIDS	A.Sri Tavan Sai
8	B. Nis. Prathap	AIDS	B. N. S. Prathap.
9	B. Sureshith	AIDS	B. Sureshith
10	B. Kumar Raju	AIDS	B. Kumarraju
11	M. Vishnu	AIDS	M. Vishnu
12	Bh. Hema Lakha	AIDS	Bh. Hema Lakha
13	B. Sree Lakshmi	AIDS	B. Sree Lakshmi
14	Ch. Sanilca	AIDS	Ch. Sanilca
15	B. Laxu Baku	AIDS	B. Laxu Baku
16	Ch. Lalitha	AIDS	Ch. Lalitha
17	Ch. Pravalika	AIDS	Ch. Pravalika
18	Ch. Shanmukh vardhan	AIDS	Ch. Shanmukh

M.V.Kor
 Coordinator

"ATTESTED"

 PRINCIPAL
 D.N.R. College of Engg. & Tech
 BHIMAVARAM-534 202


 Head of the Department
 Civil Engineering
 DNR College of Engg. & Tech.
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D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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Ph: 08816-221238 Email: dnrceet@gmail.com website: <https://dnrceet.org>

Name of the programme : World Entrepreneurs Day
Venue : Seminar hall
Department: CE

Date: 20/08/2023
Time : 10AM-12 PM

S. No	Student name	Attendance sheet	
		Department	Signature of the student
1	V.S.S MANOJ	AI & DS	V.S.S Manoj
2	Ch. Bhanu Prasad	AI & DS	Ch. Bhanu Prasad
3	Ch. Nelaiva	AI & DS	Ch. Nelaiva
4	Ch. Kaveri Latha	AI & DS	Ch. Kaveri Latha
5	K.L. Uyshnawi	AI & DS	K.L. Uyshnawi
6	Ch. Bindu Gayathri	AI & DS	Ch. Gayathri
7	Ch. Lathik Nandan	AI & DS	Ch. Lathik Nandan
8	Ch. Tara Gayatri	AI & DS	Ch. Tara Gayatri
9	D.M.S. Lakshmi Durga	AI & DS	D.M.S.L. Durga
10	D. Bhagya Sri	AI & DS	D. Bhagya Sri
11	E. Padmavathra Sastha	AI & DS	E. Padmavathra Sastha
12	Ch. Mary Soumya	AI & DS	Ch. Mary Soumya
13	G. Tejaswini	AI & DS	G. Tejaswini
14	G. Suryakumari	AI & DS	G. Suryakumari
15	M. Mahitha Joshi	AI & DS	M. Mahitha Joshi
16	G. Gayathri	AI & DS	G. Gayathri
17	G. Poornima	AI & DS	G. Poornima
18	G. Siva Sai Ram.	AI & DS	G. Siva Sai Ram.

m.v.k
Coordinator

"ATTESTED"
H. Anandkumar
PRINCIPAL
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BHIMAVARAM-534 202

Head of the Department
Civil Engineering
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Name of the programme : World Entrepreneurs Day
 Venue : Seminar hall
 Department: CE

Date: 20/05/2023
 Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1	G. Phanilavanya	AIDS - A	G. Phanilavanya
2	K. Lakshman	AIDS - A	K. Lakshman
3	G. Lakshman	AIDS - A	G. Lakshman
4	G. Hari Rama Teja	AIDS - A	G. Hari Teja
5	H. Karthikeya	AIDS - A	H. Karthikeya
6	I. Dinesh Satya Sri Varma	AIDS - A	I. D. S. S. Varma
7	K. Atharva	AIDS - A	K. Atharva
8	K. Sai Mani Kanta	AIDS - A	K. Sai Mani Kanta
9	K. Pavanasatya	AIDS - A	K. P
10	Ji. Hitesh	AIDS - A	Ji. Hitesh
11	K. Naveen Teja	AIDS - A	K. Naveen Teja
12	K. Deepika	AIDS - A	K. Deepika
13	K. Sai Durga Prasad	AID - A	K. Sai
14	G. Sriniwas	AID - A	G. S.
15	K. Chaitanya Sudheer	AID - A	K. Chaitanya Sudheer
16	T. Revathi	AID - A	T. Revathi
17	K. Bala Chandrababu	AID - A	K. Bala Chandrababu
18	K. Sri Sai	AIDS - A	K. Sri Sai

"ATTESTED"

K. Anandkumar

PRINCIPAL
 D.N.R. College of Engg. & Tech
 BHIMAVARAM-534 202

M. V. Kar
 Coordinator

[Signature]
 Head of the Department
 Civil Engineering
 DNR College of Engg. & Tech
 BHIMAVARAM-534 20

Profile



Mr.S.Suresh

Director of Dwarakasai construction and Interiors Private Ltd.

Education

B.TECH From BEC college of engineering and technology (2016)

M.TECH From Dnr college of engineering and technology(2019)

Projects

1. Multi-stored building completed at Tadepalligudem on 06-02-2022 under Dwarakasai construction company, Total cost 3 cr
2. Multi-stored building completed at Eluru on 10-05-2023 , Total cost 2cr
3. Multi-stored building completed at Tanuku on 16-01-2024 , Total cost 5 cr

"ATTESTED"

H. Anukumar
PRINCIPAL
N.R. College of Engg. & Tech
Tanuku, Dist. Nellore, A.P. 522 202

"ATTESTED"

H. Anukumar
PRINCIPAL
N.R. College of Engg. & Tech
Tanuku, Dist. Nellore, A.P. 522 202



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A One Day Seminar

On

HOW TO CRACK GATE

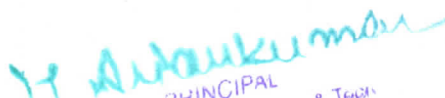
On 02/09/2023

Organized by Departments of ME

Programme Schedule

S.No	Session I	Break	Session II	Lunch	Session-III
Date(s)	10.00 am to 11.15am	Tea & Snacks	11.30am to 12.30pm	1.00pm to 2.00pm	2.00pm to 4.20pm
02.09.2023	Inaugural Session	11.15am to 11.30am	Important of syllabus Strategies	L U N C H	Best ways to cover GATE syllabus


Convener


PRINCIPAL
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BHIMAVARAM-534 202



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF MECHANICAL ENGINEERING**

**A Brief Report on
ONE DAY SEMINAR ON HOW TO CRACK GATE
Held during 02nd September 2023**

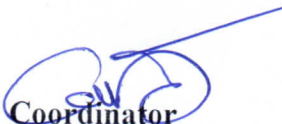
The Department of ME, organized a one day program on “**How to Crack GATE**” on 02/09/23 .Dr. S.K. Gugulothu, an Assistant Professor in Mechanical Engineering at NIT Andhra Pradesh with 12 years of teaching and research experience, has introduced a structured program for GATE 2024 aspirants. Combining his expertise in advanced engineering topics with a student-centric approach, the program focuses on equipping students with the skills needed to excel in the GATE exam.


How the Program Helps:

- **Personalized Mentorship:** Leverages Dr. Gugulothu’s experience mentoring 10 Ph.D. scholars.
- **Innovative Techniques:** Applies research-backed methods to simplify complex topics.
- **Holistic Preparation:** Includes time management strategies, revision plans, and regular assessments.

This program is a perfect opportunity for engineering aspirants aiming to achieve excellence in GATE 2024 under the guidance of a seasoned educator and researcher.




Coordinator


PRINCIPAL
N.R. College of Engg. & Tech.
BHIMAVARAM-534 202


Convener



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

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Ph: 08816-221238 Email: dnrct@gmail.com website: <https://dnrcet.org>

A One Day Seminar

On

HOW TO CRACK GATE

Organized by Departments of ME

Attendance Sheet

S.No	Regd No	Student Name	Signature
1	219P1A0301	C H SAI KUMAR	C.H. Sai
2	219P1A0302	CHELLURI VENKATESWARA RAO	C.H. Venkatesh Rao
3	219P1A0303	DEVABARIKINA JASHUVA PRAKASH	D. Jashuva
4	219P1A0304	DATLA JAI RAMA MANOJ VARMA	D. Jai
5	219P1A0306	LANDA EZRA RAO	L. Ezra Rao
6	219P1A0308	PARASA TARUN NADH	Tarun Nadha
7	219P1A0309	PILLI KOUSHIK	P. Koushik
8	219P1A0312	VADDADI RAVI KIRAN	V. Ravi Kiran
9	219P1A0313	VINUKONDA KRANTHI KUMAR	V. Kranti Kumar
10	229P5A0301	BARRE LOKESH BABU	B. Lokesh B.
11	229P5A0302	CHATLA ANANDA RAO	A. Ananda Rao
12	229P5A0303	KRUTHIVENTI PHANI KUMAR	K. Phani
13	229P5A0304	MALLULA MOHANA VENKATA SAI	M. Mohan
14	229P5A0305	PONNALA CHANDRA KUMAR	P. Chandra
15	229P1A0301	NEETHIPUDI ABHISHEK	N. Abhishek
16	239P5A0301	BORRA PURNA ISWARYA RAVI TEJA KUMAR	B. Teja
17	239P5A0302	GOLLANGI SAI KUMAR	G. Sai
18	239P5A0303	GURAJAPU NAGA SAI TULASI BHASKAR	G. Naga Sai
19	239P5A0304	KADALI CHANDRA SEKHAR	Chandra Sekhar
20	239P5A0305	KOSURI GOPI	K. Gopi
21	239P5A0306	MAMIDI SAIKIRAN	M. Sai Kiran
22	239P5A0307	NEELAPALA PAVAN KUMAR	N. Pavan
23	239P5A0308	PALAVALASA CHANDU NARASIMHA RAO	P. Chandu
24	239P5A0309	PONNADA RUDRA NAGA TEJA	P. Rudra Naga Teja
25	239P5A0310	SESETTI MANI SAI PRASAD	S. Mani Sai Prasad
26	239P5A0311	SIRIPARAPU JNANENDRA VENKATA RAMA SAI	S. Jnanendra

Coordinator

PHINCIPAL
N.R. College of Engg. & Tech.
BHIMAVARAM-534 202

HOD



I(Dr.S.K.Gugulothu) is an Assistant professor in the Department of Mechanical Engineering, National Institute of Technology Andhra Pradesh, India. I have received masters from IIT Madras (Area of Specialization: Cavitation Phenomena) & Ph.D. degree from JNTU Hyderabad (I.C. Engines), India, in 2018. After spending one year as an Assistant Professor at NIT Hamirpur and 5 years at GITAM University, Hyderabad, joined as Assistant Professor at NIT Andhra Pradesh. I have a total teaching and research experience of 12 years. At present 10 PhD research scholars are pursuing their PhD in different areas. My research interest in a broad sense includes heat transfer in space applications, I C engines, phase change heat transfer, radiation heat transfer in participating media, nanotechnology, energy, and cavitation phenomena. I have published more than 50 research papers in international journals and conferences. I am dedicated, focused and ambitious with R&D experience, processing breadth of interest in various areas of heat transfer and the development of innovative technologies.

H. Aravind Kumar
PRINCIPAL
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BHIMAVARAM-534 202

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF ECE**



**One day Workshop on "Entrepreneurship"
14-09-2023**

❖ 14.09.23

❖ Venue: Seminar Hall
DNR CET

PROGRAMME

* Registration	-	09-30 A.M. to 10-00 A.M.
* Inauguration of the Workshop	-	10-00 A.M. to 10-45 A.M.
* Tea Break	-	10-45 A.M. to 11-00 A.M.
* Session 1	-	11-00 A.M. to 01-00 P.M.
LUNCH BREAK		
* Session 2	-	02-00 P.M. to 02-45 P.M.
* Tea Break	-	02-45 P.M. to 03-00 P.M.
* Session 2	-	03-00 P.M. to 04-20 P.M.

AM
Head of the Department



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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

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Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnr cet@gmail.com) website: <https://dnrcet.org>

Department of Electronics & Communication Engineering

A Report on “ENTREPRENEURSHIP”

Held during 14-09-2023

Conducted by: Department of Electronics and Communication Engineering

A one-day workshop on **ENTREPRENEURSHIP** was organized by Department of **Electronics and Communication Engineering**. The program was inaugurated by Dr. M. Anjan Kumar, Principal, DNR College Of Engineering & Technology. & Dr.A.P.Ramesh, HOD, ECE department along with an inaugural speech highlighting the importance of these topics for the students.

The Resource person **Dr Ramu Kaliya Perumal**, Department of Computer Science Engineering, Aarupadai Veedu Institute of Technology (AVIT), OMR Road, Paiyanoor, Chennai delivered a lecture on **ENTREPRENEURSHIP**. The event was basically designed with the interactive workshops and sessions covering various aspects of intellectual property, including patents, trademarks, copyrights, and trade secrets. Mrs. K.INDIRA PRIYADARSINI, *Asst. Prof* DEPARTMENT OF ECE , DNR CET acts as a Coordinator to the event.




Coordinator


Convener

INAUGURATION

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU

Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNRCEET.

CHIEF ADVISOR

Dr. N.VENKATA RAO
Dean Academics, DNRCEET.

CONVENER

Sri. Dr.A.P.RAMESH
Head & Prof.
DEPARTMENT OF ECE

WORKSHOP COORDINATORS

Mrs.K.Indira Priyadarsini..., Asst. Prof.
DEPARTMENT OF ECE

ORGANIZING COMMITTEE

1. Mr. K.Satish kumar
2. Mr. K.Sekhar Babu
3. Mr.K.Venu Gopal.
4. Mr.Gopala Swamy
5. Mr. M.Venu.
6. Mr. Rakesh Patnaik
7. Mrs. B.Nagamani
8. Mrs. N.Mary Leena
9. Mrs. K. Vanaja
10. Mrs.B. Vaisalini
- 11.B.Rosey Sharon

VENUE & TIME:

SEMINAR HALL.

DNR College of Engineering & Technology.

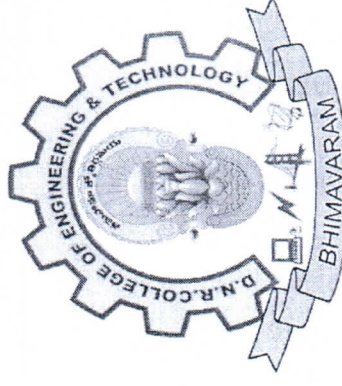
TIME : 9:30 AM Onwards

A ONE DAY WEBINAR ON "ENTREPRENEURSHIP

14-09-2023

Organized By

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING



DNR COLLEGE OF ENGINEERING &
TECHNOLOGY (A)

BALUSUMUDI, BHIMAVARAM-534202,

W. G. Dist., Andhra Pradesh.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (DNR CET) was established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state-of-art laboratories.

Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members

SEMINAR THEME

The lecture was organized to raise basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mindset to take up entrepreneurship as a career. The facilitator introduced the concept of entrepreneurship by focusing on myths related to it and the different aspects of entrepreneurship such as entrepreneurs are born not made, entrepreneur fit an ideal profile, all you need is money to be an entrepreneur, all you need is luck to be an entrepreneur and another is that great idea is the only ingredient in a recipe for business. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sector so as to minimize the risk.

TOPICS FOR DISCUSSION INCLUDE

- Different aspects of entrepreneurship
- Reason for not starting new ventures in a country like India.
- Myths related to entrepreneurship and the different aspects of entrepreneurship.

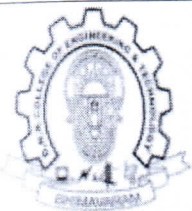
Resource Person

Dr Ramu Kaliya Perumal,

Professor ,

Aarupadai Veedu Institute of Technology (A
Chennai.

of ECE are highly qualified. ECE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.



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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

Department of Electronics & Communication Engineering

REPORT ABOUT THE PROGRAMME

Dt: 14/09/2023

Title of the programme: One day workshop on “ENTREPRENEURSHIP”.

Inauguration Date & Venue: 14/09/2023 & DNCET Seminar Hall.

Organized by : Department of Electronics & Communication Engineering, DNCET.

Resource Person: **Dr Ramu Kaliya Perumal,**
Aarupadai Veedu Institute of Technology (AVIT),

Chief Guest: Sri G. Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association.

Inauguration: Dr. M. Anjan Kumar

Principal, DNR College Of Engineering & Technology.

Number of Students attended: 72

CONCEPT:

The lecture was organized to raise basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mindset to take up entrepreneurship as a career. The facilitator introduced the concept of entrepreneurship by focusing on myths related to it and the different aspects of entrepreneurship such as entrepreneurs are born not made, entrepreneur fit an ideal profile, all you need is money to be an entrepreneur, all you need is luck to be an entrepreneur and another is that great idea is the only ingredient in a recipe for business. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sector so as to minimize the risk.

S.No	NAME OF THE STUDENT	14/09/2023	
		FN	AN
1.	A. Santhi	A. Santhi	A. Santhi
2.	J. RUPA	J. Rupa	J. Rupa
3.	T. NAGA SATHYA PRASANA	T. Prasana	T. prasana
4.	B. MOHANI KRISHNA	B. Mohan	B. Mohan
5.	CH. Akanksha	ch. Akanksha	ch. Akanksha
6.	G. Sai pavan	G. S. pavan	G. S. pavan
7.	R. Naga Sri	R. Naga Sri	R. Naga Sri
8.	N. Mounika	N. Mounika	N. Mounika
9.	J. Subhashini	J. Subhashini	J. Subhashini
10.	S. Vinod	S. Vinod	S. Vinod
11.	G. Pavani	G. Pavani	G. Pavani
12.	S. Pratheep	S. Pratheep	S. Pratheep
13.	N. Rajesh	N. Rajesh	N. Rajesh
14.	G. Ramanjanyulu	G. Ramani	G. Ramani
15.	G. Venkata Sai Subramanyam	G. V. S. Subramanyam	G. V. S. Subramanyam
16.	Y. Santosh Kumar	Y. Santosh	Y. Santosh
17.	R. Siva Sai	R. Siva Sai	R. Siva Sai
18.	K. Lakshmi Pakesh Varma	K. L. R. Varma	K. L. R. Varma
19.	L. Dwarak sainadh	L. Dwarak	L. Dwarak
20.	M. Stanely richard	M. Richard	M. Richard
21.	M. Pakesh Kumar	M. Pakesh	M. Pakesh
22.	M. V Aditya Kumar	M. Aditya	M. Aditya
23.	K. A. Prayana Lakshmi	K. A. Prayana Lakshmi	K. A. Prayana Lakshmi
24.	Ch. Rajesh	Ch. Rajesh	Ch. Rajesh
25.	D. Tejasri	D. Tejasri	D. Tejasri
26.	G. Usha Kumari	G. Usha Kumari	G. Usha Kumari
27.	D. Rupendra	D. Rupendra	D. Rupendra
28.	K. Venkannababu	K. Venkannababu	K. Venkannababu
29.	G. Anil Kumar G. Anil	G. Anil	G. Anil
30.	K. Rupa Satya Sri	K. R. S. Sri	K. R. S. Sri
31.	Ch. Phadasathi	Ch. P	Ch. P
32.	Ch. Ranuya Sri	Ch. Ranuya Sri	Ch. Ranuya Sri

33.	K. pavani	k. pavani	k. pavani
34.	G. Maheswara Reddy	G. Maheswar	G. Maheswara
35.	A. ETRA	A. ETRA	A. ETRA.
36.	K. NAVEEN kuman	K. NAVEEN	K. NAVEEN
37.	k. Jahnvi	k. Jahnvi	k. Jahnvi
38.	U. krishnavani	U. krishnavani	U. krishnavani
39.	M. Harikha	M. Harikha	M. Harikha
40.	K. Adhitya	K. Adhitya	K. Adhitya
41.	B. Jyothi	B. Jyothi	B. Jyothi
42.	E. Francis	E. Francis	E. Francis
43.	V. Satyanarayana	V. Satyanarayana	V. Satyanarayana
44.	P. Tharun	P. Tharun	P. Tharun.
45.	N. Srinivas	N. Srinivas	N. Srinivas
46.	K. Jaya Rama vishnu	K. J. R. Vishnu	K. J. R. Vishnu.
47.	S. S. S. K. Charan Reddy	S. S. S. K. Charan Reddy	S. S. S. K. Charan Reddy
48.	V. Venkataramana	V. Venkataramana	V. Venkataramana
49.	R. Tejeswar	R. Tejeswar	R. Tejeswar
50.	T. lohith varma	T. lohith	T. lohith.
51.	K. Sunil Paul	K. Sunil Paul	K. Sunil Paul
52.	N. Ruchitha	N. Ruchitha	N. Ruchitha
53.	D. yeshu.	D. yeshu.	D. yeshu.
54.	K. Pavan	K. Pavan	K. Pavan
55.	B. Sudharani	B. Sudharani	B. Sudharani
56.	B. Mani Varma	B. Mani Varma	B. Mani Varma
57.	G. SAMYUKATHA chandra	G. samyukath	G. samyukath
58.	D. Aparna	D. Aparna	D. Aparna
59.	G. Bharath	G. Bharath	G. Bharath
60.	D. mahesh madava	D. Maheshmadava	D. mahesh madava
61.	G. Sriganeshwar Prasad	G. Sriganeshwar	G. Sriganeshwar
62.	Y. Shubhash	Y. Shubhash	Y. Shubhash
63.	R. Mousya	R. Mousya	R. Mousya
64.	B. Vimal	B. Vimal	B. Vimal
65.	R. Jaya Krishna Shanker	R. Jaya Krishna Shanker	R. J. K. Shanker
66.	Y. Priyanka	Y. Priyanka	Y. Priyanka
67.	Ch. Venkatesh	ch. Venkatesh	ch. Venkatesh
68.	P. Lakshmi Durga	P. Lakshmi	P. Lakshmi

RESOURCE PERSON PROFILE

- Dr. Ramu K (Ramu Kaliya Perumal), holding B.E., M.E., and Ph.D., degree in Computer Science Engineering, having around 22 plus years of Teaching Experience and Collaborative Industry, R&D, Consultant Experience in Cloud Migration, Cloud Automation, Knowledge Management, Transition Management, Data Science Automation, Cognitive Framework, Web mining, AI Optimization.
- Currently working as Professor at Department of Computer Science Engineering, Aarupadai Veedu Institute of Technology (AVIT), Vinayaka Mission Research Foundation (VMRF) Deemed to be University, OMR Road, Paiyanoor, Chennai., Involved in teaching subjects like Business Intelligence, Theory of Computation, for B.E., B.Tech CSE, CS, AIML, AI-DS, EEE, ECE, MECHAT Students.
- Consultant Project Experience in IBM, Kyndryl, Royal Enfield, Renault Nissan, Airtel Africa, Bombardier. Having around 5 plus papers indexed in SCOPUS and around 2 papers in Accepted SCI journals also got around 7 Patents Filed, 4 Published and 3 Patents with grant.
- Certified, Expertise level in PMI ACP, PRINCE2, SCRUM, DEVOPS, SIAM, ITIL, CISSP, SSBB, GCP, SRE, NETAOP, AZURE, ANSIBLE, TABLEU, POWERBI, COGNOS, CANVAS, SNOW, JIRA, MPP. 65+ DC projects, 15+ AI Automation projects, 4+ products.
- Completed B.E CSE 2002 at Chennai under University of Madras affiliated college and M.E CSE 2005 from Sathyabama Deemed University, Chennai and Ph.D CSE 2011 from Bharath Deemed University (BIHER), Chennai.

Entrepreneurship

Entrepreneurship is a process of identifying and starting a business venture, sourcing and organizing the required resources and taking both the risks and rewards associated with the venture. Entrepreneurship is a key factor for economic development. There is an increased rate of students across developed and developing countries considering the issue of self-employment. Whether you start your own company or choose to ascend the corporate ladder, maintaining the spirit of entrepreneurship all along the way is essential. This goes far beyond just making money. It is about creating value and ideas, about possessing internationally convertible leadership skills and about cultural diversity. The objective of this session was to motivate students towards entrepreneurship as it can create employment for the future generations. Mr. Raj Kumar Boob, Silicon Automation, Pune addressed the students about the concept of entrepreneurship.

The lecture was organized to raise basic awareness of entrepreneurial concepts and to enable students to identify and learn how to make a mindset to take up entrepreneurship as a career. The facilitator introduced the concept of entrepreneurship by focusing on myths related to it and the different aspects of entrepreneurship such as entrepreneurs are born not made, entrepreneur fit an ideal profile, all you need is money to be an entrepreneur, all you need is luck to be an entrepreneur and another is that great idea is the only ingredient in a recipe for business. He mentioned that the reason that people do not start their new ventures in a country like India is due to non-awareness amongst the population of India and decides to go for jobs in private or government sector so as to minimize the risk. Sir explained in detail about the various attributes of successful entrepreneurs such as drive, communication skills and technical skills. The concept was further infused with a power point presentation that spoke about the startup business in India Followed by a discussion on contemporary business environment prevailing in the country. He also highlighted names of some successful entrepreneurs like Sriram Subramanya, Rohit Bhatt, Azim Premji, Lakshmi Mittal, Dhirubhai Ambani, Sachin Bansal and Binny Bansal, Kishore Biyani and their journey towards becoming an entrepreneur. This lecture motivated the students to work hard and start a new venture through adequate forward planning and the execution of the plans. The session was an



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Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnr cet@gmail.com) website: <https://dnrcet.org>

A One Day Seminar

On

HOW TO DEVELOP IDEAS INTO A BUSINESS

On 11/10/2023

Organized by Departments of ME

Programme Schedule

S.No	Session I	Break	Session II	Lunch	Session-III
Date(s)	10.00 am to 11.15am		11.30am to 12.30pm	1.00pm to 2.00pm	2.00pm to 4.20pm
11.10.2023	<p>Inaugural Session</p> <p>Ideation and Refinement</p> <ul style="list-style-type: none"> Brainstorming: Feedback Collection Feasibility Check. <p>Market Research</p> <ul style="list-style-type: none"> Identify Target Audience Analyze Competitors Understand Market Trends 	<p>Tea & Snacks</p> <p>11.15am to 11.30am</p>	<p>Business Model Development</p> <ul style="list-style-type: none"> Choose a Model: Value Proposition: Revenue Streams <p>Prototype and Testing</p> <ul style="list-style-type: none"> Prototype Creation: Customer Testing: Iterate 	<p>LUNCH</p>	<p>Funding</p> <ul style="list-style-type: none"> Personal Savings External Funding Angel investors Venture capital <p>Branding and Marketing</p> <ul style="list-style-type: none"> Develop a Brand Identity. Marketing Strategy. Customer Engagement

H. Subramanian
 PRINCIPAL
 N.R. College of Engg. & Tech.
 BHIMAVARAM-534 202

[Signature]
 Convener



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF MECHANICAL ENGINEERING**

A Brief Report on
ONE DAY SEMINAR ON
HOW DEVELOP NEW IDEAS INTO BUSINESS
Held during 11th OCTOBER 2023

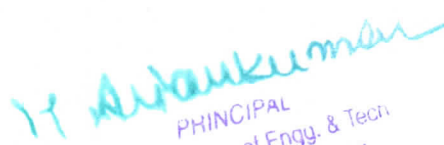
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The Department of ME, organized a one day program on “**HOW DEVELOP NEW IDEAS INTO BUSINESS** ” on 11/10/23 . D.Srinivas Reddy talked about Turning an idea into a successful business is a dynamic process requiring creativity, research, and adaptability. By following a structured approach—from ideation to scaling—you can increase the likelihood of transforming your idea into a thriving venture. Remember, persistence and willingness to learn from setbacks are key to long-term success.

POINTS OF INTEREST

1. Ideation and Refinement
2. Market Research
3. Business Model Development
4. Create a Business Plan
5. Prototype and Testing
6. Funding
7. Branding and Marketing
8. Launch and Scale


Coordinator


PRINCIPAL
N.R. College of Engg. & Tech
BHIMAVARAM-534 202


Convener



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Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

A One Day Seminar

On

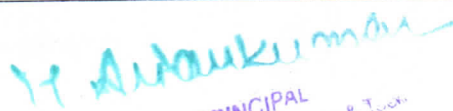
HOW TO DEVELOP NEW IDEAS INTO BUISNESS

Organized by Departments of ME

Attendance Sheet

S.No	Regd No	Student Name	Signature
1	219P1A0301	C H SAI KUMAR	Ch Sai
2	219P1A0302	CHELLURI VENKATESWARA RAO	Ch. Venkateswara Rao
3	219P1A0303	DEVABARIKINA JASHUVA PRAKASH	D. Jashuva
4	219P1A0304	DATLA JAI RAMA MANOJ VARMA	D. Jai
5	219P1A0306	LANDA EZRA RAO	L. Ezra Rao
6	219P1A0308	PARASA TARUN NADH	Tarun Nadh
7	219P1A0309	PILLI KOUSHIK	P. Koushik
8	219P1A0312	VADDADI RAVI KIRAN	V. Kiran Kumar
9	219P1A0313	VINUKONDA KRANTHI KUMAR	V. K. R.
10	229P5A0301	BARRE LOKESH BABU	B. Lokesh Babu
11	229P5A0302	CHATLA ANANDA RAO	Ch. Ananda Rao
12	229P5A0303	KRUTHIVENTI PHANI KUMAR	Phani. K.
13	229P5A0304	MALLULA MOHANA VENKATA SAI	M. Mohan.
14	229P5A0305	PONNALA CHANDRA KUMAR	P. Chandra
15	229P1A0301	NEETHIPUDI ABHISHEK	N. Abhishek.
16	239P5A0301	BORRA PURNA ISWARYA RAVI TEJA KUMAR	B. Teja
17	239P5A0302	GOLLANGI SAI KUMAR	G. Sai
18	239P5A0303	GURAJAPU NAGA SAI TULASI BHASKAR	G. Naga Sai
19	239P5A0304	KADALI CHANDRA SEKHAR	Chandra Sekhar
20	239P5A0305	KOSURI GOPI	K. Gopi
21	239P5A0306	MAMIDI SAIKIRAN	M. Sai Kiran
22	239P5A0307	NEELAPALA PAVAN KUMAR	N. Pavan
23	239P5A0308	PALAVALASA CHANDU NARASIMHA RAO	P. Chandu
24	239P5A0309	PONNADA RUDRA NAGA TEJA	P. Rudra Naga Teja
25	239P5A0310	SESETTI MANI SAI PRASAD	S. Mani Sai Prasad
26	239P5A0311	SIRIPARAPU JNANENDRA VENKATA RAMA SAI	S. Jnanendra
27	239P1A0301	ADDALA JNANA SIVA BALAJI	A. J. Siva
28	249P5A0302	GADIPALLI HEMANTH KUMAR	G. Hemant
29	249P5A0310	PILLI PREM SAGAR	P. Prem Sagar
30	249P5A0308	MARISSETTI GANESH MANIKANTA APPARAO	M. Ganesh Manikanta


 Coordinator


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 N.R. College of Engg. & Tech.
 BHIMAVARAM-534 202


 HOD

13

Srinivasareddy D

DSReddy Consultancy

E-mail: srinu258@gmail.com

Mobile: +91-9440568449

Career Objective:

To be part of organization which provides a steady career growth along with job satisfaction, challenges and give value contribution in the success of organization.

Professional Summary:

- Established a startup DSReddy Consultancy in Aug 2019 to give as service and Hardware support for EV Chargers
- Worked in SRKREC Technology center to support R&D activities in Projects on IOT, Cloud Analytics and Image Processing from June2016 to Aug 2019.
- Supported 20+ projects (IOT & Cloud analytics) for different companies as entrepreneur.
- Worked in Swarandhra Institute of Engg & Tech from june,2012 to march,2014
- Worked as system administrator from 2006 to 2010.

Core Expertise:

- Python script for automation including libraries.
- Verifying machine and deep learning using open source.
- Communication between cross platform like android and python using TCP and UDP socket programming.
- Device communication on cloud server for OpenGTS open source using Java
- Implementation of server client using C,Python and Java
- Applying GSM,GPS and GPRS technologies.
- Image processing application on ARM boards like raspberry pi and jetsontx1 using openCV.
- Depth sensing and distance estimation using stereo graphic cameras like ZED.
- Porting Linux OS on ARM Boards by cross compiling the kernel.

S. Sankar
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- Invoking GPIO's to control hardware like L298 Motor driver to control DC Motor, servo Motor
- Android SDK&NDK
- Integrating google API's like Map, Speech to Text and Object recognition in applications
- Arduino SDK
- Tensorflow for machine learning

Knowledge Purview:

- Linux debian and redhat package mangers
- Cloud instance establishment installing open source web services, data bases and driver installation and programming required for IOT on AWS.
- Python tornado webRTC for browser based video and audio rendering and socket
- Cloud management using ISP Config for maintaining Linux server on cloud

Technical Competency:

- ARM Boards: Hawk board, Panda board, raspberrypi and ASUS thinker board
- Remote access: putty and remote desktop
- Machine and Deep Learning Platforms: Jetson tx1
- Depth Sensing : ZED stereographic camera with NVIDIA SBC

Accomplishments:

- 1) Published two application in google play in December 2015 got response with 100 thousand downloads and 30 thousand download by 2017.
- 2) cisco certified netacad trainee in 2017.
- 3) Redhat certified engineer in 2007.

Projects:

Project1: IOT based mood based light controlled using android application

H. Anandkumar

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Description:

Android application to control the color of the light depending on the mood as if now as proof of concept we changed the color depending on the touch it can change the color when there is notification when the attention is needed and depending on the mood using facial expressions, voice so on.

Roles & Responsibility:

Developing the android applications

Developed the code for esp8266 integrated with arduino IDE

Reference:

<https://www.youtube.com/watch?v=xNXc-wWJpiw>

Project2: Implementation of device communicate server for FM2100

Description:

The GPS, GPRS tracking device FM2100 is configured such that it will be sending continuously sending data to the server using GPRS to a static IP and a particular port. This data will be acquired and inserted into the Mysql data base using device communication server(DCS). The DCS will be continuously listening on the server socket. This is a part of the open source project OpenGTS.

Roles & Responsibility:

- Installing and configuring OpenGTS on server
- Understanding FM2100 protocol of DCS
- Implementation of DCS.
- Verifying the functionality

Project3: **Android based GPS guided vehicle prototype**

Description:

GPS guided vehicle takes the perimeters like GPS and Magnetic compose to identify the target location and direction. Using the perimeters an Android application was developed to control the hard ware over blue-tooth. Depending on the direction and GPS status of the android phone the motors are signaled accordingly which are connected to arduino board using L298 motor driver

Roles & Responsibility:

Development of android application

Development arduino code

Reference:

<https://www.youtube.com/watch?v=D-0gCanHpgA&feature=youtu.be>

Project4: **Driver Alerting and Monitoring Application using Android**

Description:

14 Arjankumar
PRINCIPAL
N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Its an application developed using Android studio along Opencv to monitor the condition of the driver while driving it uses the android camera to identify the status of the eyes depending on the eyes condition it raises an alert to make the driver attentive. This application can be useful in rented self driving cars for monitoring the driver condition. Give intimation in case of emergency. This was developed as proof of concept.

Roles & Responsibility:

- Developing the android application
- Verification of the functionality of the application

Reference:

<https://www.youtube.com/watch?v=UQPPFcFELIE&t=36s>

Project5: Android based Telugu and Hindi keyboards published in play store

Description:

A selection type keyboard for native Indian languages like Telugu and Hindi are developed and published in play store this is for the people who were not aware of the computational knowledge the user can directly select rather than computing the words in these languages its published and got a positive response from the users

Roles & Responsibility:

- Developing the application
- Publishing the application
- verification of the application

Reference:

<https://play.google.com/store/apps/details?id=india.telugukeyboard&hl=en>
<https://play.google.com/store/apps/details?id=india.hindikeyboard>

Project6: Sensor Robotic Knowledge Resource Kit for School students to invoke technology

Description:

We have customized OS such that it can be used with an android device over wifi. The programing language preferred is Python which is less complex to learn even by the school students. We are porting with Libre office for documentation. We are providing the system as easy to use platform. We Included Image processing libraries in python for advanced learners

Roles & Responsibility:

- Customization of the OS for the kit
- Designing the architecture of the kit

Reference:

<https://www.youtube.com/watch?v=df6lqkXuCfQ&t=130s>

Project7: Online Facial expression recognition using Machine Learning

Description:

H. Anandkumar
PRINCIPAL
N.R. College of Engg. & Techno
BHIMAVARAM-534 202

I developed online facial expressions using DNN and OpenCV as a web application to access the camera from a browser and update expressions this can be used for online counseling application and for verification.

Roles & Responsibility:

Setting up the environment

Developing the code

Reference:

<https://www.youtube.com/watch?v=hIsGGRU9p8I&feature=youtu.be>

Project: Depth sensing for Robotic Vision and Autonomous vehicles

Description:

We developed a prototype for demonstrating depth sensing and object detection here depth plays a very important role because we have to find the distance of the obstacle or the object handle the event

Roles & Responsibility:

Setting up the environment

Developing the code

Education:

Degree : M.Tech.

University : JNTUK.

College : Sri Vasavi Engineering College.

Specialization: Embedded Systems.

Degree : (BE)Bachelor of Engineering.

University : Bharathidasan University.

College : Anjali Ammal Mahalingam Engineering College.

Specialization: Electronics and communications Engineering

17 Aravind Kumar
PRINCIPAL
N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Personal Info:

Date of Birth : 04th Oct 1980

Current Address : Plot No:512,sai satya apartments opposite to LIC Building Bhimavaram



**D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Date: 10/11/2023

CIRCULAR

This is informing to all the faculty and students members that Department of **ELECTRICAL & ELECTRONICS ENGINEERING** is going to conduct One Day Seminar On "**A Marketing and Sales Strategy**" it is going conduct from 11/11/2023. This will be good knowledge sharing platform for students. All the students are advised to attend the program without fail.

H. Arunkumar

Principal

PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 207

Copy to:

- 1) Secretary, & Correspondent
- 2) Principal's office
- 3) HOD(EE),
- 4) Circular file.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (DNR CET) were established in the year 2010 at DNR College campus, Balasumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories. Institute offers seven branches of Engineering at the undergraduate level and four post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE) and accredited With NBA & (A++) Grade by NAAC.

ABOUT THE DEPARTMENT

ELECTRICAL & ELECTRONICS ENGG.(EEE) Department

The Department of Electrical & Electronics Engineering (EEE) was established in the year 2010 with an intake of 60 for B.Tech (UG) program and 60 for DEEE. The department possesses one Doctoral faculty from reputed university. All faculty members of EEE are highly qualified. EEE students enjoy the benefits which includes well equipped lab facilities more relaxed and personal atmosphere with good internet facility, specialized attention and guidance from faculty members. Many EEE students are placed in reputed companies like VOLTECH, CPF, EFFOTRONICS and many software companies like HCL, TECH MAHINDRA, and TCS etc...

PROGRAM OBJECTIVE

To create awareness to the students and faculty on the importance of One Day Seminar on *Converting Idea to Business: A Marketing and Sales Strategy* in Electrical Engineering Applications, opportunities and challenges.

ABOUT WORKSHOP

- A marketing strategy involves long-term objectives for a company, whereas the sales strategy is more short-term. A marketing strategy involves how a company promotes and distributes the product but the sales strategy includes how to get the particular customer to buy a product or service. You plan for teaching, engaging, and converting target prospects into profitable customers

WORKSHOP COVERAGE

- **Eligibility**
- **Duration**
- **Benefits**

ORGANIZING COMMITTEE

Patron:

Sri G. V. NARASIMHA RAJU
Hon.. President,
DNR College Association

Vice Patron:

Sri G.SATYANARAYANA RAJU
Hon. Secretary & Correspondent
DNR College Association

Chairman:

Dr. M.ANJAN KUMAR
Principal, DNR CET

Advisory Committee:

Dr.B.V.S.Varma,
Professor (CSE) & Vice Principal

Dr.N.Venkata Rao,

Professor (ECE) & Dean Academics
Dr.A.Ramamurthy,

Professor (CSE) & Dean Administration
Dr.K.B.V.S.R.Subrahmanyam,

Professor (EEE) & Dean Exams

Conveners:

Dr. KBVSR SUBRAHMANYAM,
H.O.D, EEE & Dean, Exams

Coordinators

Mr.D.Joseph Kumar, EEE Dept.

Mr.M.Srinu, EEE Dept.

Organizing Committee

All the Staff members of Department of EEE.

Participants

All the B.Tech students of EEE

Resource Person

Dr.D.Venkatapathi Raju

Professor,

HOD (S&H Department),

SRKR ENGINEERING COLLEGE

**“ONE DAY SEMINAR ON
CONVERTING IDEA TO
BUSINESS: A MARKETING
AND SALES STRATEGY”**

11th NOV 2023

(A.Y 2023-2024)

(Venue: Seminar Hall)

Organized By

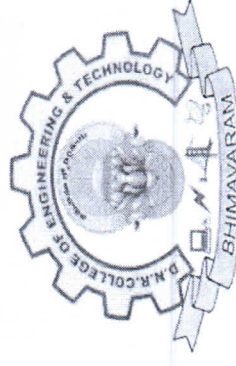
**Department of
ELECTRICAL & ELECTRONICS
ENGG. (EEE)**

**DNR College of Engineering &
Technology**

(Accredited with NBA & A++ Grade
by NAAC)

(Affiliated to JNTUK-KAKINADA)

Bhimavaram – 534 202



PRINCIPAL
J.N.R. College of Engg. & Tech
BHIMAVARAM-534 202



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi, Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING REPORT ABOUT THE PROGRAMME

Title of the Program: ONE DAY SEMINAR ON CONVERTING IDEA TO BUSINESS: A MARKETING AND SALES STRATEGY

Inauguration Date & Venue: 11th NOV 2023 & DNBCET Seminar Hall

Organized By: Department of Electrical and Electronics Engineering

Resource person: **Dr.D.Venkatapathi Raju**
Professor,
HOD (S&H Department),
SRKR ENGINEERING COLLEGE

Chief Guest: Sri G.Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association

Inauguration: Dr. M.Anjan Kumar

Principal, D.N.R College of Engineering & Technology

Number of Faculty Attended: 35


Concept:

A marketing strategy involves long-term objectives for a company, whereas the sales strategy is more short-term. A marketing strategy involves how a company promotes and distributes the product, but the sales strategy includes how to get the particular customer to buy a product or service. You plan for reaching, engaging, and converting target prospects into profitable customers



Dr. M. Anjan Kumar

Faculty Details for Mandatory Disclosures- AICTE

Name	DR. DATLA VENKATAPATHI RAJU	
Designation	PROFESSOR & HOD	
Department	ENGINEERING MATHEMATICS & HUMANITIES	
Date of Birth	15-06-1965	
Unique ID	1-7934630869	
Education Qualifications	MBA.; Ph.D.	
Work Experience (as on Date)	-	
a) Teaching	30 YEARS	
b) Research	28 YEARS	
c) Industry	-----	
d) others	----	
Area of Specialization	MARKETING MANAGER	
Courses taught at		
a) Under Graduate	FUNDAMENTALS OF MANAGEMENT, MANAGEMENT AND ORGANIZATIONAL BEHAVIOUR	
b) Post Graduate	MANAGEMENT AND ORGANIZATIONAL BEHAVIOUR	
Research guidance(Number of Students)	-	
a) No. of papers published in National/ International Journals/ Conferences	-	
b) Master (Completed/Ongoing)	-	
c) Ph.D. (Completed/Ongoing)	-	
Projects Carried out	-	
Patents (Filed & Granted)	-	
Technology Transfer	-	
Research Publications (No. of papers published in National/International Journals/Conferences)	15	
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	MUTUAL FUNDS IN INDIA QUALITY PUBLISHING COMPANY, BHOPAL, YEAR-2001	



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi, Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Seminar On Converting Idea To Business A Marketing And Sales Strategy On
11/11/2023

SI	NAME OF THE STUDENTS	DEPARTMENT	DATE 11/11/2023	
			AN	FN
1	P. Suresh	EEE	P. Suresh	P. Suresh
2	S. Radha Kalyani	EEE	S. Radha Kalyani	S. Radha Kalyani
3	K. Sai Gayatri	EEE	K. Sai Gayatri	K. Sai Gayatri
4	T. Anuradha	EEE	T. Anuradha	T. Anuradha
5	M. Kaya Sri	EEE	M. Kaya Sri	M. Kaya Sri
6	G. Sai Durga	EEE	G. Sai Durga	G. Sai Durga
7	T. Rajeswari	EEE	T. Rajeswari	T. Rajeswari
8	T. Venu	EEE	T. Venu	T. Venu
9	K. Teja	EEE	K. Teja	K. Teja
10	A. Yuva Raju	EEE	A. Yuva Raju	A. Yuva Raju
11	A. Santhosh	EEE	A. Santhosh	A. Santhosh
12	V.T. Durgasai	EEE	V.T. Durgasai	V.T. Durgasai
13	M. Sai Prakash	EEE	M. Sai Prakash	M. Sai Prakash
14	D. Surya Kiran	EEE	D. Surya Kiran	D. Surya Kiran
15	A. Anuradha	EEE	A. Anuradha	A. Anuradha

PRINCIPAL
D.N.R. College of Engineering & Technology
BHIMAVARAM

16	G. Durga Varaprasad	GGG	G. Durga prasad	G. Durga prasad
17	K. vijay lakshmi	GGG	K. vijay lakshmi	K. vijay lakshmi
18	K. Ratlin	GGG	K. Ratlin	K. Ratlin
19	N. Ganesh	EEE	N. Ganesh	N. Ganesh
20	m.s.R. Suresh	GGG	m.s.R. Suresh	m.s.R. Suresh
21	P.M.S Lakshman	EEE	P.M.S Lakshmi	p.m.s lakshmi
22	P. Licittha	GGG	P. Licittha	P. Licittha
23	T. manikarjun	EEE	T. manikarjun	T. manikarjun
24	V. P. Prabhakar	GGG	V. P. Prabhakar	V. P. Prabhakar
25	G.S.P Kumar	EEE	G.S.P Kumar	G.S.P Kumar
26	T.K. Pinesh	GGG	T.K. Pinesh	T.K. Pinesh
27	R.H.V.S Gopal.	BEE	R.H.V.S Gopal	R.H.V.S Gopal.
28	P.O.V. Krishna	GGG	P.O.V. Krishna	P.O.V. Krishna
29	M. Nikitha Bussy	EEE	M. Nikitha Bussy	M. Nikitha Bussy
30	P.L. Tirupathama	GGG	P.L. Tirupathama	P.L. Tirupathama
31	L. Sai shadhi	EEE	L. Sai shadhi	L. Sai shadhi
32	P. Vinay Kumar	GGG	P. Vinay Kumar	P. Vinay Kumar
33	V.K Sri Varma	EEE	V.K Sri Varma	V.K Sri Varma
34	P. Durga prasad	GGG	P. Durga prasad	P. Durga prasad
35	Adithaya. le	EEE	Adithaya. le	Adithaya. le
36	M. manikanda	GGG	M. manikanda	M. manikanda
37	A. Kumar	EEE	A. Kumar	A. Kumar
38	V. Rajesh Kumar	GGG	V. Rajesh Kumar	V. Rajesh Kumar
39	B. nani babu	EEE	B. nani babu	B. nani babu
40	R.D.A.N.S. Raju	GGG	R.D.A.N.S. Raju	R.D.A.N.S. Raju
41	M.H.S Sai Teja	EEE	M.H.S Sai Teja	M.H.S Sai Teja
42	J. Durga prasad	GGG	J. Durga prasad	J. Durga prasad

A **Marketing and Sales Strategy** is a unified plan that combines both marketing and sales efforts to drive revenue, build customer relationships, and achieve business goals. While marketing focuses on creating awareness, generating leads, and nurturing prospects, the sales strategy focuses on converting those leads into paying customers. By aligning both strategies, companies can ensure a seamless customer journey, from initial awareness to purchase and beyond.

Key Components of a Marketing and Sales Strategy

1. Business Goals & Objectives

The strategy should begin with clear, measurable objectives that align with the overall business goals. These might include:

- **Increasing revenue** by a specific percentage within a defined period.
- **Growing market share** in a target segment or geographic area.
- **Improving customer retention** and reducing churn.
- **Enhancing brand awareness** or positioning.

2. Target Audience & Segmentation

Both marketing and sales efforts must be focused on the right audience. Identify your **ideal customer profiles (ICPs)** and create detailed **buyer personas**. These personas should include:

- **Demographics:** Age, gender, income, job title, location, etc.
- **Psychographics:** Interests, values, pain points, buying behaviors.
- **Stage in the buying cycle:** Awareness, consideration, decision.

Segmentation allows both marketing and sales teams to tailor their messages and tactics for each audience group more effectively.

3. Market Research & Competitive Analysis

Understand the market dynamics and identify opportunities for differentiation. This involves:

- Analyzing your competitors' strengths, weaknesses, marketing tactics, and sales strategies.
- Evaluating customer feedback, industry trends, and unmet needs.
- Conducting a **SWOT analysis** (Strengths, Weaknesses, Opportunities, Threats).

4. Value Proposition & Messaging

clearly define the unique value your product or service offers. This messaging should be consistent across both marketing and sales touch points. A strong value proposition:

- Explains **why** customers should choose your solution.
- **Differentiates** you from competitors.
- **Addresses specific pain points** and offers solutions.

Example: "Our CRM helps small businesses streamline their sales process, improve customer relationships, and increase sales by 30% in 6 months."

5. Sales Funnel & Buyer's Journey

Both marketing and sales teams need to understand the customer journey and how they contribute to each stage:

- **Awareness:** Marketing activities (content, ads, and social media) create awareness of your brand and product.
- **Interest:** Marketing continues to nurture the leads with more detailed content (whitepapers, case studies, emails) to keep prospects engaged.
- **Decision:** Sales takes over, engaging with qualified leads directly to offer personalized solutions.
- **Action:** The sales team closes the deal, turning leads into customers.

Align both teams to ensure seamless transitions between each stage of the funnel.

6. Marketing Tactics

Marketing plays a crucial role in generating demand and nurturing leads. Common marketing tactics include:

- **Content Marketing:** Blogging, eBooks, webinars, videos, and other educational content that attracts, informs, and nurtures prospects.
- **Search Engine Optimization (SEO):** Ensuring that your website ranks well in search engines for high-value keywords to drive organic traffic.
- **Paid Media:** Running paid ads on platforms like Google, Facebook, LinkedIn, or Instagram to drive targeted traffic to your website.
- **Email Marketing:** Automated drip campaigns and newsletters that nurture leads through valuable content and offers.
- **Social Media Marketing:** Engaging with prospects and customers on platforms like Facebook, Instagram, LinkedIn, etc., to build relationships and raise brand awareness.

7. Sales Tactics

Sales efforts focus on converting the leads generated by marketing into paying customers. Key tactics include:

- **Lead Scoring:** Qualifying leads based on engagement and likelihood to purchase. The higher the lead score, the more likely they are to convert.
- **Sales Outreach:** Reaching out to leads through cold calls, emails, LinkedIn messages, or in-person meetings.
- **Consultative Selling:** Focusing on understanding the customer's needs and pain points to position the solution in a way that delivers real value.
- **Product Demos:** Offering live demonstrations, trials, or free samples to give prospects a firsthand experience of the product.
- **Sales Negotiation:** Addressing objections and working with leads to find mutually agreeable pricing and terms.

8. Lead Nurturing & Follow-Up

not every lead is ready to buy immediately. Nurturing efforts include:

- **Automated email sequences** that provide helpful resources and keep prospects engaged.
- **Follow-up calls** or emails from sales teams to check in and offer additional information, demos, or discounts.

Marketing Tactics:

- **Content Marketing:** Publish weekly blog posts about e-commerce marketing strategies.
- **SEO:** Optimize the website for keywords like “e-commerce marketing automation.”
- **Email Campaigns:** Send targeted email sequences offering case studies, whitepapers, and product demos.
- **Paid Ads:** Run PPC campaigns targeting business owners interested in e-commerce growth.
- **Social Media:** Share success stories and customer testimonials on LinkedIn and Instagram.

Sales Tactics:

- **Lead Scoring:** Assign scores based on email engagement and website activity.
- **Consultative Selling:** Schedule discovery calls to understand specific business needs and recommend tailored solutions.
- **Demos:** Offer free 30-day trials for prospects to experience the platform.
- **Close Deals:** Provide customized pricing and package deals for high-value leads.

Metrics:

- **Marketing:** Website traffic growth (25%), conversion rate from lead to demo (10%).
- **Sales:** Sales cycle (45 days), conversion rate from demo to customer (40%).

Conclusion

A **Marketing and Sales Strategy** ensures that your business is attracting the right customers, nurturing leads effectively, and ultimately converting them into loyal clients. It combines marketing’s focus on brand awareness and lead generation with sales’ focus on closing deals, providing a seamless customer journey and ultimately driving growth. By aligning both functions around shared objectives and performance metrics, businesses can optimize their approach and improve their chances of success.

INAUGURATION

Inauguration of "Advanced Java Programming".

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU
Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. B V S VARMA

Vice - Principal, DNR CET.

CONVENER

Sri. Dr.G.SATYANARAYANA
Head & Prof.

DEPARTMENT OF CSE

WORKSHOP COORDINATORS

Dr.B.V.RAM KUMAR
Assoc. Prof.
DEPARTMENT OF CSE

ORGANIZING COMMITTEE

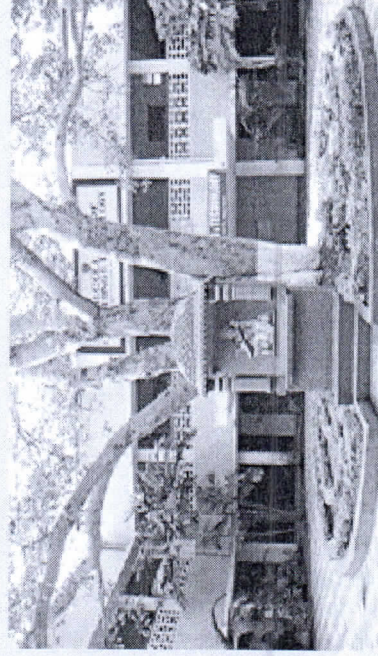
1. Dr.A.RAMA MURTHY
- 2..Dr.BVRAM KUMAR
4. Mr. L.BUJJI BABU
5. Dr.P.SAMBASIVARAO
6. Mr. A S N V BHOGESH
7. Mr. M.S.N.SRIKANTH
8. Mrs. N.BHARATHI
9. Mrs. E RAMA LAKSHMI
10. Mrs. K SHYAMALA
11. Mrs. V.NAVYA DEVI
12. Mrs. P.LALITHA
13. Mrs. CH.SIVA DURGA
14. Mr. G V S SRI RAM
15. Ms. M S V S K PRABHAVATI
16. Mr. K.V.CHANDRAN
17. Mr. K.SARAT CHANDRA
18. Mrs.M.MOUNIKA DEVI

VENUE & TIME:

DIGITAL LIBRARY.

DNR College of Engineering & Technology.

TIME : 9:30 AM Onwards

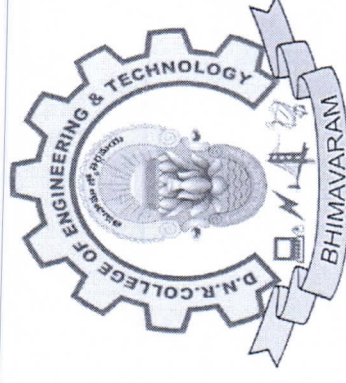


ONE WEEK FDP PROGRAM ON ARTIFICIAL
INTELLIGENCE MACHINE LEARNING AND INTERNET
OF THINGS APPLICATIONS

6th -10th Dec 2023

Organized By

DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING



DNR COLLEGE OF ENGINEERING &
TECHNOLOGY (A)

BALUSUMUDI, BHIMAVARAM-534202,

W. G. Dist., Andhra Pradesh.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (Autonomous) (DNRCET) was established in the year 2010 at DNR College campus, balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.

Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members of CSE are highly qualified. CSE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.

SEMINAR THEME

The course builds a strong understanding of JDBC Technology. It gives in to demonstrate why Servlets are the cornerstone of Java's Web platform. It then shows how JSP is built on the Servlet architecture. Additionally, the class shows students how to use JSTL, custom tags and expression language to reduce Java code in Web pages while adding tremendous power and capability to those pages. The class culminates in an exploration of Java MVC frameworks like Struts at a high level.

Learn the fundamentals of JDBC and using the different interfaces in the JDBC API. Learn how to use Java servlets in the role of Web application control. Identify the options to state management in a Java Web application and understand the pros/cons of each. Understand how JSPs can help to separate Web logic and functionality from page layout. Explore how to make JSPs smaller and more powerful with JSTL, custom tags and expression language. Explore strategies in the exchange of data between Web pages (views) and business processing (model). Learn the meaning and importance of MVC

TOPICS FOR DISCUSSION INCLUDE

- Security issues in the IoT devices.
- AI-based scalable hybrid systems for IoT.
- AI-based learning methods and algorithms for IoT.
- Real/Industrial application-based AI systems for IoT.
- Prescriptive, predictive, and descriptive analytics for IoT device issues.

Resource Person

Dr.M.N.RAO,

Professor in CSE

KLU- GUNTUR,



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**A Report on “One Week FDP Program on Artificial Intelligence Machine Learning
and Internet of Things Applications**

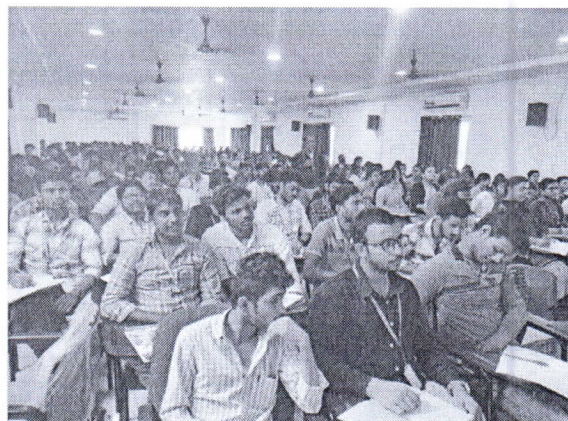
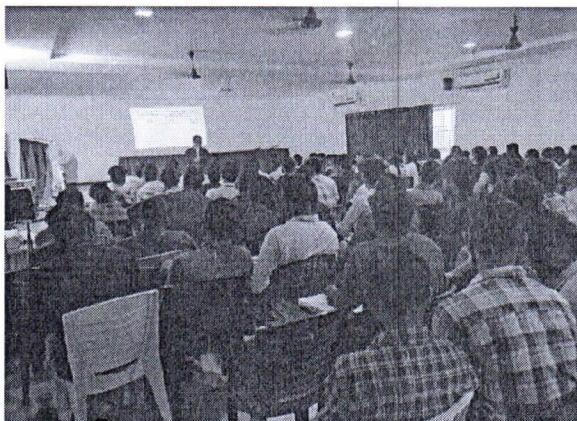
Held during 6th - 10th Dec 2023

Conducted by: Department of Computer Science and Engineering

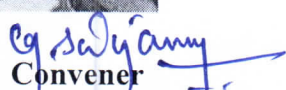
A three-day workshop on **Artificial Intelligence Machine Learning and Internet of Things Applications** was organized by Department of Computer Science and Engineering. The program was inaugurated by Dr.G.SATYANARAYANA, HOD, CSE along with an inaugural speech highlighting the importance of these topics for the students.

It is a part **Artificial Intelligence Machine Learning and Internet of Things Applications**. It is an advanced technology or advance version ML specially designed to develop AI applications. AI-based scalable hybrid systems for IoT .

The Resource person Dr.M.N.RAO, Professor in CSE KLU- GUNTUR, is delivered a lecture on **Artificial Intelligence Machine Learning and Internet of Things Applications**. The event was basically designed to bring the college students and teachers on a single platform and share the information on teaching strategies needed for effective learning process in Computer Science & Engineering. Dr.B.V.RAM KUMAR *Assoc. Prof.* DEPARTMENT OF CSE in Computer Science and Engineering, DNR CET acts as a Coordinator to the event.




Coordinator


Convener
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF CSE**



One Week FDP Program on Artificial Intelligence Machine
Learning and Internet of Things Applications

From 6th - 10th Dec 2023

❖ 06-12-23 to 10-12-23

❖ Venue: Digital Library
DNR CET

PROGRAMME

- | | | |
|--------------------------------|---|--------------------------|
| * Registration | - | 09-30 A.M. to 10-00 A.M. |
| * Inauguration of the Workshop | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 1 | - | 11-00 A.M. to 01-00 P.M. |

LUNCH BREAK

- | | | |
|-----------------------|---|--------------------------|
| * Session 2 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 2 Continues | - | 03-00 P.M. to 04-20 P.M. |

❖ 07.12.23

❖ Venue: Digital Library
DNR CET

- | | | |
|------------------------|---|--------------------------|
| * Session 3 | - | 09-30 A.M. to 10-00 A.M. |
| * Seession 3 | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 3 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 4 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 4 Continuous | - | 03-00 P.M. to 04-20 P.M. |

❖ 08.12.23

❖ Venue: Digital Library
DNR CET

- | | | |
|--------------------|---|--------------------------|
| * Session 5 | - | 09-30 A.M. to 10-00 A.M. |
| * Session 5 | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 5 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 6 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 6 | - | 03-00 P.M. to 04-20 P.M. |

❖ 09.12.23

❖ Venue: Digital Library
DNR CET

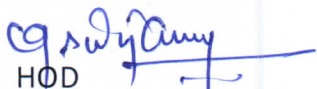
- | | | |
|--------------------|---|--------------------------|
| * Session 7 | - | 09-30 A.M. to 10-00 A.M. |
| * Session 7 | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 7 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 8 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 8 | - | 03-00 P.M. to 04-20 P.M. |

❖ 10.12.23

❖ Venue: Digital Library
DNR CET

- | | | |
|---------------------|---|--------------------------|
| * Session 9 | - | 09-30 A.M. to 10-00 A.M. |
| * Session 9 | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 9 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 10 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 10 | - | 03-00 P.M. to 04-20 P.M. |
| * Close the Session | - | 04-30 P.M. |


Coprinator


HOD
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

RESUME

NAME: DR. V.GOUTHAM

Email:-

v.goutham@gmail.com

MOBILE No:-

+91 9966959936

DOB:-29-01-1979

Languages Known:-

English, Hindi, Telugu

Nationality:- Indian

Marital Status: - Married.

Professional Objective:

- Aiming at excellence in the working field through hard work, dedication and honesty at challenging environment. To strive for academic excellence and impart quality education with emphasis on Computer Science & Engineering.

Summary: Having 18 Years of Experience in Teaching.

- Familiar with departmental administration activities, well versed with Conducting Technical Events and Computer Lab Administration as well.

Recent Qualification and position:

- Ph.D awarded in 2015 from Archarya Nagarjuna University.
- Worked in Various Academic Activities in Engg College.
- Worked as In-charge principal in TKR Engineering College.
- Supervising 4 Research Scholars.

Assets:

- Ability to work as a part of a team
- Easy to adapt to the situations
- Creative and self-motivated
- Effective Communication Skills

Educational Qualifications:

Degree	Specialization	University/Board	Percentage	Year
Ph.D	C.S.E	A.N.U		2015
M.Tech	C.S.T	A.U	75%	2004
B.Tech	C.S.E	J.N.T.U.	84%	2001
Inter	M.P.C	Intermediate(A.P)	61%	1996
SSC	Gen. Subjects	School of Secondary A.P.	62%	1994

PROFESSIONAL EXPERIENCE

1. Working as a **Principal** in **Stmarys Groups of institution of hyderabad** from 04-06-2021 to till date.
2. Worked as a **Professor** in **SREYAS Institute of Engineering and Technology College** from 01-01-2020 to 31-05-2021 and worked as **Head of the Department** (20-12-2017 to 31-12-2019) .
3. Worked as a **Professor and Head of the Department & Vice Principal** in **TKR Engineering College (TKREC)** from 06-07-2015 to 19-12-2017.
4. Worked as an Associate Professor in **St Mary College of Engineering (SMCET)**, 18-6-2012 to 4-07-2015 .
5. Worked as an Associate Professor in **Anurag College of Engineering (ANRH)**, 23-06-2010 to 17-02-2012.
6. Worked as an Asst. Professor at **V.I.S.T College of Engineering, Bhongir** from 02-7-04 to 05-07-10.
7. Worked as an Lecturer at **V.I.S.T College of Engineering** from 02-7-01 to 05-7-02.

KEY ACADEMIC PROJECTS

1. **PhD (Thesis):** “A Study on Exponential Software Reliability Growth Model Using SPC and SPRT”.
2. **P.G. (M.Tech) Thesis:** “ Procedure for obtaining graphics plot on a printer with several Resolutions greater than P.C monitor”, a dissertation submitted at Andhra University Work done at DLRL, Hyderabad.
3. **Graduation (B.Tech.):** “Web Server”.

SKILL SET

Languages	:	C, C++,Java
Web Technologies	:	HTML
Tools	:	LoadRunner ,QTP, Winrunner ,Q.C
Platforms	:	Windows, Linux
Certificates	:	Product Specialist Load Runner 8.0 from Mercury, hp Quality Center 9.2 and OCJP
Areas of Interest	:	Software Engineering.
Subjects Taught	:	Block-Chain technology , Cloud Computing, S.E, STM, Java , FLAT, C&DS, DBMS, PPL,CRNS

PROFESSIONAL MEMBERSHIP

1	Computer Society of India (CSI)	Life (1160505)
2	Indian Society for Technical Education (ISTE)	Life (106171)
3	IAENG	Life

PAPERS PUBLISHED: MORE THAN 40 PUBLICATIONS IN JOURNALS

s.no	Title	Journal Name	ISSN/ISSB
1	Blockchain Technology: An Overview (SCOPUS)	International Journal of Advanced Science and Technology	Vol. 29, No. 6, (2020), pp. 3459-3463
2	Cloud Based Building Confidential and Efficient Query Services(SCOPUS)	JARDS Vol. 10, 07-Special Issue, SEP 2018	ISSN 1943-023X
3	A Study on Data Center Performance and Qos In IaaS Cloud Computing Systems(SCOPUS)	JARDS Vol. 10, 07-Special Issue, May 28, 2018	ISSN 1943-023X
4	Democratize Data processing in Big Data by using Hive Interface and cloud computing(SCOPUS)	IJPAM	ISSN: 1314-3395
5	Interval Domain Software Process Control – GoelOkumoto	IJRRCS Vol. 2, No. 4, August 2011	ISSN: 2079-2557.
6	A Study on Statistical Process Control (SPC) in Software Reliability	IJARCSEE Volume 1, Issue 3, May 2012	ISSN: 2277 – 9043
7	Estimation of Failure Count Data Using Confidence Interval	IJITEE Volume-2, Issue-6, May 2013	ISSN: 2278-3075
8	An SPRT Procedure for an Ungrouped Data using MMLE Approach	IOSR-JCE Volume 14, Issue 6 sep-2013	ISSN: 2278-8727
9	Identifying the reliable software using SPRT: An ordered statistics approach	Elixir Comp. Sci. & Engg (2014)	ISSN:2229-712X
10	Improving efficiency, data integrity and effective privacy and policy anonymous data sharing with forward security.	IJCA Volume 3, Issue 1, Jan–Dec 2014	ISSN: 0976 – 6375
11	Analytical Approach for Digital Image Restoration Based On Novel Group Based Sparse Representation Algorithm	IJSETR Vol.04,Issue.41, October-2015	ISSN 2319-8885
12	Import Sourcing of Defect Life Cycle and Defect	IJCST Volume 4 Issue 3,	ISSN: 2347-8578

	Import Sourcing of Defect Life Cycle and Defect Management Process	May - Jun 2016	
13	A Distributed Three-hop Routing Protocol to Increase throughput and makes full use of widespread base station in Hybrid Wireless Networks	IJCSIT Vol. 7 (5),2016.	ISSN : 0975-9646
14	Lightweight secure scheme for detecting provenance forgery and packet drop attacks by in - packet bloom filters, to encode provenance in Wsn	IJSER Volume 7, Issue 6, June-2016.	ISSN 2229-5518
15	Democratize data processing in Big Data by using Hive interface and cloud computing	IJPAM: Volume 118, No. 18 (2018)	ISSN 1314-3395
16	Managing the Storage Service in the Cloud Computing	I JR: Volume 05 Issue 06 March 2018	e-ISSN: 2348-6848

CERTIFICATION:

1	NPTEL certified in Cloud Computing
2	NPTEL certified in Database Design

PATENTS PUBLISHED: 03

1	BLOCKCHAIN BASED SYSTEM FOR BIOMEDICAL DOCUMENTS TOWARDS DATA INTEGRITY, NON-REPUDIATION AND DIGITAL
2	INTELLIGENT METHODS FOR DETECTING CORONAVIRUS USING RNA AND SHARE THE LOCATION USING IOT
3	DEEP LEARNING METHOD BASED ENERGY CONSUMPTION FOR IOT RELIABILITY.

Conferences/ Workshops/ Seminars Attended

1. Attended FDP PHP & MySQL one week 18-05-2020 to 23-05-2020 organized by Dept CSE JNTUH college of Engineering Jagtial with IIT-Bombay
2. Attended Ten days workshop on "Introduction to Web Development" Organized by the **Electronics & ICT Academy** 13 JUN to 22th MAR 2017 at NIT Warangal.
3. Attended one day workshop on "E Learning and Multimodal Learning Analytics" Organized C-DAC at JNTUH 25 Oct 2016.
4. Attended one day pre-conference workshop on "Data Analytics & Information Processing" Organized CSE Department JNTUH 28 May 2016.
5. Attended Six days workshop on "Software Engineering" Organized CSE Department at JNTUH 22 to 27 March 2016.
6. Attended Ten days workshop on "Database Security" Organized by the **Electronics & ICT Academy** 29 Feb to 9th March 2016 at NIT Warangal.

POSITIONS HELD/RESPONSIBILITIES/ACTIVITIES

1. Participated in NBA work for Computer Science and Engineering.
2. Acted as a Project Coordinator for both CSE/IT.
3. Participated as a Judge for Technical Paper Presentations Contest in "Zignaasa", at TKR College of Engineering.
4. Participated as a Judge for Technical Paper Presentations Contest in "AGGAZ2011", at Anurag College of Engineering, Aushapur.

EXTRA CURRICULAR ACTIVITIES

- ▶ Played for National Cricket under 19 held at Jammu.
- ▶ Represented for State level cricket.

HOBBIES

- ▶ Watching History channel
- ▶ Listening to music
- ▶ Playing Cricket

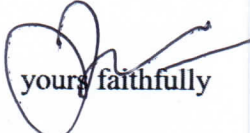
POINTS LEADING ME TOWARDS SUCCESS

- ▶ Technical Knowledge, awareness of the profile and objectives of the organization.
- ▶ Commitment towards work and enthusiasm to learn and implement new techniques.
- ▶ Leadership qualities, self-confidence and communication skills.
- ▶ Patient and a perceptive tutor skilled.

DECLARATION

The information given by me is true and correct to the best of my knowledge and belief and I am solely responsible for its accuracy.

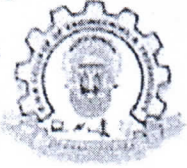
Place: Hyderabad


yours faithfully

(Dr V. Goutham)

FACULTY ATTENDED LIST

SNO	NAME	SIGN
1	Dr. G. SATYANARAYANA	G. Satyanarayana
2	Dr. B. V. S. VARMA	B. V. S. Varma
3	Dr. A RAMAMURTHY	A. Ramamurthy
4	Dr. P. SAMBHASIVA RAO	P. Sambhasiva Rao
5	B NANDANA KUMAR	B. Nandana Kumar
6	KARINKI SURYA RAM PRASAD	K. Karinki Surya Ram Prasad
7	Mr. L. BUJJI BABU	L. Bujji Babu
8	K.VENKATA CHANDRAN	K. Venkata Chandran
9	B. PRAEEN PRAKSH	B. Praeen Praksh
10	K S H PRASANNA KUMAR	K. S. H. Prasanna Kumar
11	Smt. V LAKSHMI	V. Lakshmi
12	N BHARATHI	N. Bharathi
13	G V SRIRAM	G. V. Sriram
14	M MOUNICA DEVI	M. Mounica Devi
15	P LALITHA RAJESWARI	P. Lalitha Rajeswari
16	K SARAT CHANDRA	K. Sarat Chandra
17	K. SIVA SYAMALA	K. S. Syamala
18	M.S.V.S.K. PRABHAVATHI	M. S. V. S. K. Prabhavathi
19	E.YOHOSHVA	E. Yohoshva
20	V. NAVYA DEVI	V. Navya Devi
21	J. PRIYANKA	J. Priyanka
22	CH VENKATA REDDY	Ch. Venkata Reddy
23	G KALYANI	G. Kalyani
24	K R S SPANDANA	K. R. S. Spandana
25	M P V HARIKA	M. P. V. Harika
26	B SURYANARAYANA MURTHY	B. Suryanarayana Murthy
27	K RAMBABU	K. Rambabu
28	P SIRISH KUMAR	P. Sirish Kumar
29	G SAI KRISHNA	G. Sai Krishna
30	Dr. B.V. RAM KUMAR	B. V. Ram Kumar
31	Mrs. K RAJARAJESWARI	K. Rajarajeswari
32	T. VENKATESH	T. Venkatesh
33	Y GAYATHRI	Y. Gayathri
34	K RADHA KRISHNA	K. Radha Krishna
35	Mrs. N. Divya Sri	N. Divya Sri
36	G DIANA KAMAL	G. Diana Kamal
37	Mrs. P. Satyavathi	P. Satyavathi
38	G RAJENDRA KUMAR	G. Rajendra Kumar
		HOD



D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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

Accredited by NAAC with A⁺⁺ Grade

Ph: 08816-221238 Email: dnrct@gmail.com website: <https://dnrct.org>

DEPARTMENT OF CIVIL ENGINEERING

Report on Research Methodology

➤ Session Details:

- **Scheduled Date:** 20-12-2023
- **Duration:** 10 AM - 12 PM
- **Venue:** Seminar Hall, DNR College of Engineering & Technology
- **No. of faculty attended:** 36

➤ Objective of the Session:

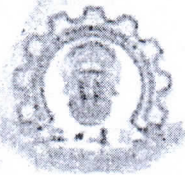
Research provides new domain of knowledge, evolves new theories and laws, offers solutions to problems and opens new areas of thought. Research methodology is the framework used for solving a research problem in a systematic manner. A researcher must understand why certain methods or techniques are used and how they are relevant. Hence, it is important for researchers to be acquainted with the process, methods and methodologies of research. Workshop on Research Methodology is aimed to provide hands-on training to the students for undertaking data collection, data analysis and report writing

.Event Highlights:-

-A Session on Research Methodology" was organized by the Department of Civil engineering conducted 20 December 2023 at Seminar hall DNR college of engineering and technology, Bhimavaram to expose the Faculty members to research methodologies used in Development Studies to enable them to have better understanding regarding the research process such as problem formulation, framing the methodology, data collection, data analysis and report writing; and to acquaint students with ethical concerns in research

The programme began with the inaugural session and Dr. S. K. V. S. T. Lavakumar Associate Professor Civil Engineering department ,SRKR spoke about "Fundamentals of Research". He has discussed in detail the philosophy of research, methodology, ontology , epistemology Qualitative Research Methods" in the afternoon, where in, he gave a brief and brilliant introduction to qualitative research methodology and how it is crucial to include the voices of lived experiences of people in an attempt to understand the issue from a different perspective. He has shared the various findings of books published by renowned scholars and explained how it brought out truths and broke down the existing myths in our history

"ATTESTED"
H. Lakshmi
PRINCIPAL
D.N.R. College of Engineering & Technology
BHIMAVARAM



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DEPARTMENT OF CIVIL ENGINEERING

➤ Outcome of the Session:

1. Understanding research methodologies: Participants learn about different research methodologies and how to choose and apply the most appropriate ones for their research.
2. Research skills: Participants learn how to search, analyze, and synthesize literature to identify research gaps and form their own studies.
3. Writing skills: Participants learn how to structure, write, and revise academic manuscripts in a clear and coherent manner.
4. Research outputs: Participants learn how to produce high-quality research outputs.
5. Ethical research: Participants learn how to promote ethical research practices.
6. Professional development: Participants learn how to engage in continuous professional development.
7. Research techniques: Participants learn about cutting-edge research techniques and research-based instruction.

➤ Photographs of the Session:

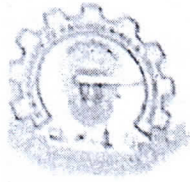


Myka
Coordinator

"ATTESTED"

H. Subramanian
PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

[Signature]
HOD
Head of the Department
Civil Engineering
DNR College of Engg. & Tech.
BHIMAVARAM-534 202.



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Name of the programme : Research Methodology
Venue : Seminar hall
Department: CE

Date: 20/12/2023
Time : 10AM-12 PM

Attendance sheet			
S. No	Name of the Faculty	Department	Signature of the faculty
1.	V. S. Divya Teja	CIVIL ENGINEERING	
2.	M. V. Krishna	civil	
3.	P. Ch. Prasad	civil	
4.	A. Sai	civil	
5.	N. L. Kumar	civil	
6.	K. S. R. Prasad	CSE	
7.	V. Navya Devi	CSE	
8.	V. Brahm	BSEE	
9.	Dr. I. Harish	ME	
10.	CH. VINAY CHANDRA	CIVIL	
11.	MRS. Natraj	phd	
12.	N. Venkataraja	civil	
13.	B. Manikanta	civil	
14.	L. BUJJI BHOW	CSE	
15.	F. YASHHVA	CSE	
16.	G. Rajan	ME	
17.	D. Yatindra.	M. E	
18.	Renathi. Ch	M. E	

Coordinator

"ATTESTED"

PRINCIPAL
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202

HOD
20/12/23
Head of the Department
Civil Engineering

Name of the programme : Research Methodology
 Venue : Seminar hall
 Department : CE

Date: 20/12/2023
 Time : 10AM-12 PM

Attendance sheet

S. No	Name of the Faculty	Department	Signature of the faculty
1	D. Joseph Kumar	ECE	
2	G. V. Kumar	ECE	
3	G. Jayaprakash	ECE	
4	T. Venkateswara Rao	ECE	
5	K. S. Subish Kumar	ECE	
6	M. Veny	ECE	
7	K. Yanaja	ECE	
8	B. Jagannath	ECE	
9	K. Padmasri	ECE	
10	T. Lavanya	ECE	
11	N. Sankarany	ECE	
12	K. Subalal Kumar	ECE	
13	Dr. D. P. Ramesh	ECE	
14	V. Sai Hounika	ECE	
15	P. SRIVALLI	ECE	
16	H. Allastri	ECE	
17	M. Srinu	ECE	
18	P. Nagalakshmi	ECE	


m.v.k
 Coordinator

"ATTESTED"

 PRINCIPAL
 D.N.R. College of Engg. & Tech
 BHIMAVARAM-534 202

HOD
 Head of the Department
 Civil Engineering

Profile

Name	Dr. SURAMPUDI, K. V. S. T. LAVAKUMAR	
Designation	Associate Professor	
Department	Civil Engineering	
Date of Birth	23-06-1971	
Unique ID	1-470149689	
Education Qualifications	M.E (Structures)., Ph.D (Andhra University).	
Work Experience (as on Date)		
a) Teaching	16 Years	
b) Research	13 Years	
c) Industry	-	
d) others	-	
Area of Specialization	STRUCTURAL ENGINEERING	
Courses taught at		
a) Under Graduate	<ol style="list-style-type: none"> 1. Engineering Mechanics & Strength of Materials (EEE) 2. Structural Analysis I 3. Structural Analysis II 4. Structural Analysis III 5. Reinforced Concrete Structures I 6. Multi Storey structures (Elective III) 7. PERT & CPM 8. Strength of Materials Lab 9. Concrete technology Lab 10. Computer Application in Civil Engineering lab 	
b) Post Graduate	<ol style="list-style-type: none"> 1. Theory of Elasticity 2. Theory of Plates & Shells 3. Structural Stability 4. Industrial Structures 5. Plastic Analysis and Design 6. Advanced Structural Engineering Lab 	

"ATTESTED"


 H. Lakshman
 PRINCIPAL

D.N.R. College of Engg
 BHIMAVARAM-534 202

search guidance Number of Students)	
a) No. of papers published in National/ International Journals/ Conferences	07
b) Master (Completed/Ongoing)	Completed: 30
c) Ph.D. (Completed/Ongoing)	Ongoing: 03
Projects Carried out	-
Patents (Filed & Granted)	-
Technology Transfer	-
Research Publications (No. of papers published in National/International Journals/Conferences)	Journals:07 Conferences:03
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-

"ATTESTED"

H. Anand Kumar
PRINCIPAL

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Balusumudi Bhimavaram – 2

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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dnrctet@gmail.com website: <https://dnrctet.org>

A One Day Seminar

On

Importance of Machine Learning applications on Hybrid Automobiles

On 23/12/2023

Organized by Departments of ME

Programme Schedule

S.No	Session I	Break	Session II	Lunch	Session-III
Date(s)	10.00 am to 11.15am		11.30am to 12.30pm	1.00pm to 2.00pm	2.00pm to 4.20pm
23.12.2023	Inaugural Session	Tea & Snacks 11.15am to 11.30am	Energy Management: <ul style="list-style-type: none"> Machine learning algorithms enable dynamic energy allocation between internal combustion engines and electric motors. Real-time data analysis ensures optimal fuel consumption and battery utilization. 	L U N C H	Predictive Maintenance: <ul style="list-style-type: none"> ML techniques analyze sensor data to predict potential failures in hybrid systems. Early detection reduces downtime and maintenance costs. Design Optimization: <ul style="list-style-type: none"> Data-driven insights from ML refine component designs for efficiency and durability. Accelerates innovation in hybrid vehicle development.

H. Aravind Kumar
 PRINCIPAL
 N.R. College of Engg. & Tech
 BHIMAVARAM-534 202

[Signature]
 Convener



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF MECHANICAL ENGINEERING**

**A Brief Report on
ONE DAY SEMINAR ON
Importance of Machine Learning Applications in Hybrid Automobiles
Held during 23rd December 2023**

The Department of ME, organized a one day program on “**Importance of Machine Learning Applications in Hybrid Automobiles** ” on 23/12/23 .Dr. T.Karthikeya Sharma Hybrid automobiles, a blend of traditional internal combustion engines and electric motors, have emerged as a significant step towards sustainable transportation. However, to maximize their potential, the integration of advanced technologies like machine learning (ML) is becoming increasingly crucial. This report delves into the key ways in which ML is revolutionizing hybrid vehicles, enhancing their efficiency, performance, and overall user experience

Key Points of Discussion:

- a) Predictive Maintenance
- b) Energy Management Optimization
- c) Adaptive Driving Systems
- d) Predictive Battery Management
- e) Advanced Driver Assistance Systems

T. Karthikeya Sharma
PRINCIPAL
N.R. College of Engg. & Tech
BHIMAVARAM-534 202

[Signature]
Coordinator

[Signature]
20/12/23
Convener



D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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Accredited with A++ Grade by NAAC & Accredited by NBA (B, TECH - CSE, ECE & EED)
Ph: 08816-221238 Email: dnrceit@gmail.com website: <https://dnrceit.org>

DEPARTMENT OF MECHANICAL ENGINEERING

Subject: NOC for attending ATAL ONLINE FDP

Application Ref No.:1730534668

Date: 19/11/2024

To Whomsoever It May Concern

This letter is express No objection on Mr. _____, of D.N.R. College of Engineering & Technology in attending Transformative Technologies in Manufacturing: Faculty Development Program on Industry 4.0, Advanced Materials, and Intelligent Systems conducted online by Aditya Institute of Technology and Management, K.Kotturu, Tekkali from 27th January to 1st February 2025.

This Certificate is issued as per requirement of AICTE for successful conduction of ATAL Online Faculty Development Program.

Yours Sincerely,

Sign & Stamp

Head of the Institution/Competent Authority
D.N.R. College of Engineering & Technology, Bhimavaram-534202



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrct@gmail.com) website: <https://dnrcet.org>

A One Day Seminar

On

IMPORTANCE OF MACHINE LEARNING APPLICATIONS ON HYBRID AUTOMOBILES

Organized by Departments of ME

Attendance Sheet

S.No	Faculty Name	Department	Signature
1	M. Pandu Ranga Rao	ME	[Signature]
2	Dr. F. Harish	ME	[Signature]
3	K. Satish	PCE	[Signature]
4	K. Biva Sankar	EEE	[Signature]
5	G. Vamshi Krishna	ME	[Signature]
6	A.G.N.S. Rajesh	ME	[Signature]
7	M.L. Kumar	CE	[Signature]
8	P. Naga Raja	EEG	[Signature]
9	D. Prem Kumar	ME	[Signature]
10	M.R.S. Natraj	ME	[Signature]
11	S. Vijay Kumar	ME	[Signature]
12	D. Babu Indra	ME	[Signature]
13	G. Rajesh	ME	[Signature]
14	M. Satish	ECE	[Signature]
15	M. Bharu Prakash	Civil	[Signature]
16	A. Sai	CE	[Signature]
17	G. Srisha	CE	[Signature]
18	E. Ravindra	ME	[Signature]
19	Ch. Someswara Rao	ME	[Signature]
20	S. Chandu Prasad	ME	[Signature]
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

[Signature]
Coordinator

[Signature]
PRINCIPAL
N.R. College of Engy. & Tech
BHIMAVARAM-534 202

[Signature]
HOD

Profile of Dr.T.Karthikeya Sharma

2

Personal and Academic:

Dr.T.Karthikeya sharma was born on 2nd December 1985 in Kurnool, did his B.tech in Mechanical Engineering from G. Pulla Reddy Engineering College, M.Tech from JNTU Anantapur (University Topper) and PhD from NIT Warangal.



Work Experience:

- Worked as a research associate in National Innovation Foundation Gujrath from 9th June to 9th July 2008.
- Worked as an Assistant Professor in Geethanjali Institute of Science and Technology for a period of one year from 01st September 2008- 30th September 2009.
- Worked as an Assistant Professor in Sreenivasa College of Engineering and Technology for a period of six months from 25th August- December 25th, 2011.
- Working as an ad-hoc faculty in **NIT Andhra Pradesh** from 26th August, 2015 to July 2018
- Assistant Professor since July 2018.

Awards and Recognition:

- Exhibited his model of manual Transmission system for hybrid vehicles at Festival of Innovation happened at "Rastrapathi Bhawan", New Delhi.
- "Young Scientist Award -2016" by Andhra Pradesh Akademi of Sciences and received the award from Honorable Chief Minister of Andhra Pradesh Sri Nara Chandra Babu Naidu.
- "Associate Fellow" of Andhra Pradesh Akademi of Sciences
- "Best Research Scholar Award – 2015" by Institute of Engineers India sponsored by Government of Andhra Pradesh and Telangana.
- Best Paper Award for the paper "Effect of Dimensional and working parameters on the Performance of HCCI Engine" in An International Conference by IRD-held at Goa on 28th August-2012.
- Stood DISTRICT 4th in "SIR C.V. RAMAN COUNCIL OF EDUCATIONAL AWARDS". A State Level Talent Test Held on 1st February 1998.

Administrative activities Held:

1. Faculty in-charge of T&P section NIT Andhra Pradesh from 2017 to till date.
2. Member of budget estimate of Detailed Project Report (DPR) for the construction of permanent campus of NIT Andhra Pradesh.
3. Member of stores purchase committee of NIT Andhra Pradesh
4. Chief Warden of NIT Andhra Pradesh from 2015-2016, December.
5. NITAP Anti-Ragging Committee Member from 2016 to till date.
6. NITAP Disciplinary Action Committee Member from 2015 to till date.
7. NITAP Warden of Nallajerla Hostel from 2017 June to till date.
8. NITAP Mess Committee Member from 2015 to till date.
9. NITAP Transportation In-charge from 2015-2017 June.
10. Innovation and Entrepreneurship club In-charge.
11. Course Coordinator (HOD) for Mechanical Engineering Department at NIT Andhra Pradesh 2015-2017.
12. Faculty advisor of "Mechanical Engineering Association", NIT Andhra Pradesh 2015-2017.

H. Aravind Kumar
PRINCIPAL
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13. Worked for NBA accreditation in NITW for Mechanical Engineering Department.
14. Warden of Boys Hostel NIT Andhra Pradesh.
15. Workshop practice In-charge at NIT Andhra Pradesh.
16. Examination Section In-charge at NIT Andhra Pradesh
17. Member of disciplinary action committee at NIT Andhra Pradesh.
18. HOD of the Mechanical Engineering Department Srinivasa College of Engineering.

He is a consultant Engineer for

- RRG. Pvt.Ltd
- Ingresos Company
- M-Clean Company

Research Details:

- No. of International Journals: 17 [13 SCI Springer & Elsevier with highest impact factor 4.8]
- No. of International Conferences: 16 [1- ASME Transactions, Two Foreign]
- No. of workshops attended: 16
- No. of National Journals and Conferences: 1 in Each

He is an Editorial board member of:

- American Journal of Mechanical and Industrial Engineering.
- Athens Journal of Technology and Engineering

He reviewed Research Articles for the Following Journals:

1. International Journal of Mechanical engineering and applications. (IJMEA).
2. International Journal of Automotive and Mechanical Engineering.
3. Journal Brazilian Society of Mechanical Engineers.
4. Frontiers in Energy.
5. Alexandrian Engineering Journal
6. Athens Journal of Technology and Engineering
7. International Journal of Refrigeration
8. 5th International Conference on Materials Science and Engineering (CMSE 2016)
9. Journal of Mechanical Science and Technology.
10. International Journal of Hydrogen Energy
11. Energy Conversion and Management

H. Anandkumar
PRINCIPAL
N.R. College of Engg. & Tech
BHIMAVARAM-534 202

INAUGURATION

Inauguration of "Advanced Java Programming".

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU
Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. B V S VARMA
Vice - Principal, DNR CET.

CONVENER

Sri. Dr.G.SATYANARAYANA
Head & Prof.
DEPARTMENT OF CSE

WORKSHOP COORDINATORS

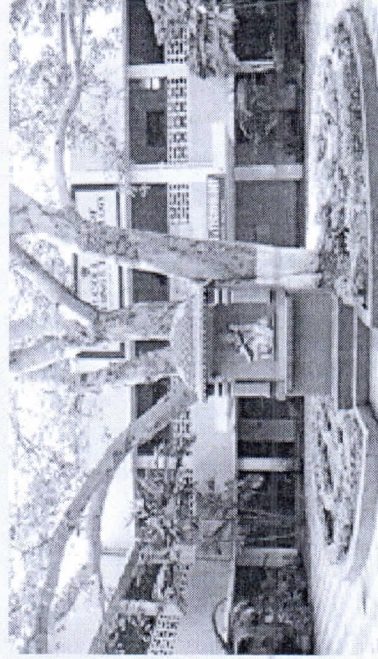
Mr. CH VENKATA REDDY
Asst. Prof.
DEPARTMENT OF CSE

ORGANIZING COMMITTEE

1. Dr.A.RAMA MURTHY
- 2..Dr.BVRAM KUMAR
4. Mr. L.BUJJI BABU
5. Dr.P.SAMBASIVARAO
6. Mr. A S N V BHOGESH
7. Mr. M.S.N.SRIKANTH
8. Mrs. N.BHARATHI
9. Mrs. E RAMA LAKSHMI
10. Mrs. K SHYAMALA
11. Mrs. V.NAVYA DEVI
12. Mrs. P.LALITHA
13. Mrs. CH.SIVA DURGA
14. Mr. G V S SRI RAM
15. Ms. M S V S K PRABHAVATI
16. Mr. K.V.CHANDRAN
17. Mr. K.SARAT CHANDRA
18. Mrs.M.MOUNIKA DEVI

VENUE & TIME:

DIGITAL LIBRARY.
DNR College of Engineering & Technology.
TIME : 9:30 AM Onwards



A ONE DAY WEBINAR ON "ETHICAL LEADERSHIP & EMOTIONAL INTELLIGENCE

30-12-2023

Organized By

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DNR COLLEGE OF ENGINEERING & TECHNOLOGY (A)

BALUSUMUDI, BHIMAVARAM-534202,

W. G. Dist., Andhra Pradesh.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (Autonomous) (DNR CET) was established in the year 2010 at DNR College campus, balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.

Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members of CSE are highly qualified. CSE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.

SUMMARY THEME

The course builds a strong understanding of JDBC Technology. It gives in to demonstrate why Servlets are the cornerstone of Java's Web platform. It then shows how JSP is built on the Servlet architecture. Additionally, the class shows students how to use JSTL, custom tags and expression language to reduce Java code in Web pages while adding tremendous power and capability to those pages. The class culminates in an exploration of Java MVC frameworks like Struts at a high level.

Learn the fundamentals of JDBC and using the different interfaces in the JDBC API. Learn how to use Java servlets in the role of Web application control. Identify the options to state management in a Java Web application and understand the pros/cons of each. Understand how JSPs can help to separate Web logic and functionality from page layout. Explore how to make JSPs smaller and more powerful with JSTL, custom tags and expression language. Explore strategies in the exchange of data between Web pages (views) and business processing (model). Learn the meaning and importance of MVC

TOPICS FOR DISCUSSION INCLUDE

- Self-awareness. If you're self-aware, you always know how you feel, and you know how your emotions and your actions can affect the people around you. ...
- Self-regulation. ...
- Motivation. ...
- Empathy. ...
- Social Skills.

Resource Person

Dr.V.Gowtham,
Professor,
St.Mary's Group of Institutions,
Hydrabad.



**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

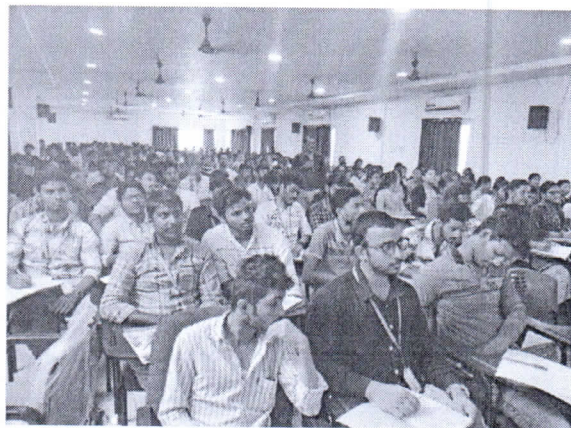
A Report on “Ethical Leadership & Emotional Intelligence

Held during 30-12-2023

Conducted by: Department of Computer Science and Engineering

One day Webinar on “Ethical Leadership & Emotional Intelligence” was organized by Department of Computer Science and Engineering. The program was inaugurated by Dr.G.SATYANARAYANA, HOD, CSE along with an inaugural speech highlighting the importance of these topics for the students. It is a part of Self-awareness. If you're self-aware, you always know how you feel, and you know how your emotions and your actions can affect the people around you. Self-regulation. Motivation Empathy Social Skills.

The Resource person Dr.V.Gowtham professor at St.Mary's group of institutions is delivered a lecture on Ethical Leadership & Emotional Intelligence. The event was basically designed to bring the college students and teachers on a single platform and share the information on teaching strategies needed for effective learning process in Computer Science & Engineering. Mr. CH VENKATA REDDY Asst. Prof Department of CSE in Computer Science and Engineering, DNR CET acts as a Coordinator to the event.




Coordinator


Convener
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF CSE**



**One day Webinar on "Ethical Leadership & Emotional Intelligence
From 30-12-2023**

❖ 30.12.23

❖ Venue: Digital Library
DNR CET

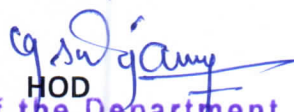
PROGRAMME

- | | | |
|--------------------------------|---|--------------------------|
| * Registration | - | 09-30 A.M. to 10-00 A.M. |
| * Inauguration of the Workshop | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 1 | - | 11-00 A.M. to 01-00 P.M. |

LUNCH BREAK

- | | | |
|----------------------------|---|--------------------------|
| * Session 2 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 2 Continues | - | 03-00 P.M. to 04-20 P.M. |
| * <i>Close the Session</i> | - | 4:30 P.M |


Coordinator


HOD
Head of the Department
Department of Computer Science & Engineering
D.N.R. College of Engineering & Technology
BHIMAVARAM-534 202.

RESUME

NAME: DR. V.GOUTHAM

Email:-

v.goutham@gmail.com

MOBILE NO:-

+91 9966959936

DOB:-29-01-1979

Languages Known:-

English, Hindi, Telugu

Nationality:- Indian

Marital Status: - Married.

Professional Objective:

- Aiming at excellence in the working field through hard work, dedication and honesty at challenging environment. To strive for academic excellence and impart quality education with emphasis on Computer Science & Engineering.

Summary: Having 18 Years of Experience in Teaching.

- Familiar with departmental administration activities, well versed with Conducting Technical Events and Computer Lab Administration as well.

Recent Qualification and position:

- Ph.D awarded in 2015 from Archarya Nagarjuna University.
- Worked in Various Academic Activities in Engg College.
- Worked as In-charge principal in TKR Engineering College.
- Supervising 4 Research Scholars.

Assets:

- Ability to work as a part of a team
- Easy to adapt to the situations
- Creative and self-motivated
- Effective Communication Skills

Educational Qualifications:

Degree	Specialization	University/Board	Percentage	Year
Ph.D	C.S.E	A.N.U		2015
M.Tech	C.S.T	A.U	75%	2004
B.Tech	C.S.E	J.N.T.U.	84%	2001
Inter	M.P.C	Intermediate(A.P)	61%	1996
SSC	Gen. Subjects	School of Secondary A.P.	62%	1994

PROFESSIONAL MEMBERSHIP

1	Computer Society of India (CSI)	Life (1160505)
2	Indian Society for Technical Education (ISTE)	Life (106171)
3	IAENG	Life

PAPERS PUBLISHED: MORE THAN 40 PUBLICATIONS IN JOURNALS

s.no	Title	Journal Name	ISSN/ISSB
1	Blockchain Technology: An Overview (SCOPUS)	International Journal of Advanced Science and Technology	Vol. 29, No. 6, (2020), pp. 3459-3463
2	Cloud Based Building Confidential and Efficient Query Services(SCOPUS)	JARDS Vol. 10, 07-Special Issue, SEP 2018	ISSN 1943-023X
3	A Study on Data Center Performance and Qos In Iaas Cloud Computing Systems(SCOPUS)	JARDS Vol. 10, 07-Special Issue, May 28, 2018	ISSN 1943-023X
4	Democratize Data processing in Big Data by using Hive Interface and cloud computing(SCOPUS)	IJPAM	ISSN: 1314-3395
5	Interval Domain Software Process Control – GoelOkumoto	IJRCS Vol. 2, No. 4, August 2011	ISSN: 2079-2557.
6	A Study on Statistical Process Control (SPC) in Software Reliability	IJARCSEE Volume 1, Issue 3, May 2012	ISSN: 2277 – 9043
7	Estimation of Failure Count Data Using Confidence Interval	IJITEE Volume-2, Issue-6, May 2013	ISSN: 2278-3075
8	An SPRT Procedure for an Ungrouped Data using MMLE Approach	IOSR-JCE Volume 14, Issue 6 sep-2013	ISSN: 2278-8727
9	Identifying the reliable software using SPRT: An ordered statistics approach	Elixir Comp. Sci. & Engg (2014)	ISSN:2229-712X
10	Improving efficiency, data integrity and effective privacy and policy anonymous data sharing with forward security.	IJCA Volume 3, Issue 1, Jan-Dec 2014	ISSN: 0976 – 6375
11	Analytical Approach for Digital Image Restoration Based On Novel Group Based Sparse Representation Algorithm	IJSETR Vol.04,Issue.41, October-2015	ISSN 2319-8885
12	Import Sourcing of Defect Life Cycle and Defect	IJCST Volume 4 Issue 3,	ISSN: 2347-8578

POSITIONS HELD/RESPONSIBILITIES/ACTIVITIES

1. Participated in NBA work for Computer Science and Engineering.
2. Acted as a Project Coordinator for both CSE/IT.
3. Participated as a Judge for Technical Paper Presentations Contest in "Zignaasa", at TKR College of Engineering.
4. Participated as a Judge for Technical Paper Presentations Contest in "AGGAZ2011", at Anurag College of Engineering, Aushapur.

EXTRA CURRICULAR ACTIVITIES

- Played for National Cricket under 19 held at Jammu.
- Represented for State level cricket.

HOBBIES

- Watching History channel
- Listening to music
- Playing Cricket

POINTS LEADING ME TOWARDS SUCCESS

- Technical Knowledge, awareness of the profile and objectives of the organization.
- Commitment towards work and enthusiasm to learn and implement new techniques.
- Leadership qualities, self-confidence and communication skills.
- Patient and a perceptive tutor skilled.

DECLARATION

The information given by me is true and correct to the best of my knowledge and belief and I am solely responsible for its accuracy.

Place: Hyderabad

yours faithfully

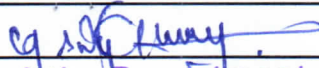
(Dr V. Goutham)

STUDENTS ATTENDANCE REPORT

SNO	REG.NO	NAME	ATENDANCE
1	229P1A0501	ANKANI BHARGAVI	✓
2	229P1A0502	A S N LAKSHMAN KUMAR	✓
3	229P1A0503	A VIJAYA JYOTHI	✓
4	229P1A0504	AMBATI SURESH	✓
5	229P1A0505	ANGARAPU LIKHITHA	X
6	229P1A0506	ATTILI LAKSHMI CHETANA	✓
7	229P1A0509	BANDELA PRAVEEN	✓
8	229P1A0510	BARRE RAMPRASAD VARMA	✓
9	229P1A0511	BEJJAVARAPU SAI SANTHI PRIYA	✓
10	229P1A0512	BHEEMANADI DEVI SAI	✓
11	229P1A0513	BHIMADOLU KISHORE	✓
12	229P1A0514	BODASINGI DURGA RAO	✓
13	229P1A0515	BOGADHI HEMANTH SURESH	✓
14	229P1A0516	BOKKA SANJAY KUMAR	✓
15	229P1A0517	BOLLA RUPA SRI	✓
16	229P1A0518	BOMMU AMBICA VENKATA KARTHIK	✓
17	229P1A0519	BONAM BHANU KIRAN	✓
18	229P1A0520	BONEPALLI HARSHA VARDHAN	✓
19	229P1A0521	BUTHUKURI VENKATA VARA LAKSHMI	✓
20	229P1A0522	CH AKSHAYA	✓
21	229P1A0523	CHINTA BABY SRIKARI	X
22	229P1A0525	CHANDADI JOSHUA	✓
23	229P1A0526	CHAPALAMADUGU SRAVANTHI	✓
24	229P1A0527	CHEBROLU MYTHILI	✓
25	229P1A0528	CHENNU KIRAN BABU	✓
26	229P1A0529	CHILAKALAPUDI ANJANKUMAR	✓
27	229P1A0530	CHILLIMUNTA AISHWARYA	✓
28	229P1A0531	CHILUVURI LIKHITA DEVI	✓
29	229P1A0532	CHINTALAPATI KESHAVA RAO	✓
30	229P1A0533	D L M S S KRISHNA MOULI	✓
31	229P1A0534	DARA SWARAJ	✓
32	229P1A0535	DERA DURGA SRI	✓
33	229P1A0536	DEVA YASHWANTH	✓
34	229P1A0537	DEVANABOINA VENKATA PAVAN KUMAR	✓

35	229P1A0539	DOKKARI JEEVITESWARARAO	✓
36	229P1A0540	G LOKESH	✓
37	229P1A0541	G MOHAN VENKATA MANIKANTA	✓
38	229P1A0542	G YUVAN SRI SATYA	✓
39	229P1A0543	GADDE SRAVANI	✗
40	229P1A0544	GALI YASWANTHISIRI	✓
41	229P1A0545	GAMPALA SATHYA	✓
42	229P1A0546	GANGIREDLA MAHENDRA	✓
43	229P1A0547	GANGULA H V SIVA MANIKANTA	✓
44	229P1A0548	GANTA SAI DIVYA	✓
45	229P1A0549	GEDDA SRAVANI	✓
46	229P1A0550	GONABOINA PUJITHA	✓
47	229P1A0551	GORRUMUCHU JOHN SANDEEP	✓
48	229P1A0552	GUNDE ANUPRIYA	✓
49	229P1A0553	HEMARTHI MADHU	✓
50	229P1A0554	IMMADISETTI TEJO THOSHANI	✓
51	229P1A0555	INUKULA ANANTHA MUKHESH	✗
52	229P1A0556	J PADMA VAMSI BABU	✓
53	229P1A0557	JALE NAGAYYA	✓
54	229P1A0558	JALLURI RAMYA	✓
55	229P1A0559	JELLA DEEVENA JYOTHI	✓
56	229P1A0560	CHITTURI SARAN SATISH	✓
57	239P5A0501	AMARAPALLI E.NAGA SUBRAHMANYAM	✓
58	239P5A0502	ANNAM LAKSHMI NARASIMHA	✓
59	239P5A0503	GEDDAM RAKESH KUMAR	✓
60	239P5A0504	GOPISETTI SIVA SHANKAR VARA PRASAD	✓
61	239P5A0505	GORIPARTHI YADAV BALA RAMA VAMSI	✓
62	239P5A0506	GUTLA NIKHIL	✓
63	229P1A0561	B MAHESWARI	✓
64	229P1A0562	JETTIBOINA L S KRISHNA BHAGAVAN	✓
65	229P1A0563	KAMMILA DEVI CHANDRA KALA	✗
66	229P1A0564	K HEMA NAGA RAMA TEJA KARRI MOHANA MANI VENKATA NAGESWARA	✓
67	229P1A0565	REDDY	✓
68	229P1A0566	K REVATHI PADMA	✓
69	229P1A0567	K VENKATESH	✓
70	229P1A0568	K YASWANTH VARMA	✓

71	229P1A0569	KADIYAM R S L D VENKATA SANTHOSHI	✓
72	229P1A0570	KALAVALA SUSHMA	✓
73	229P1A0571	KAMANA SUSHMA SRI	✓
74	229P1A0572	KANDAVALLI ROHITH SATYA	✓
75	229P1A0573	KANDURI LAKSHMI SREE VALLI	✓
76	229P1A0574	KANNATI YESU	✓
77	229P1A0575	KANTHETI JAYA PRAKASH	✓
78	229P1A0576	KARELLA NAGA BABY SAROJINI	X
79	229P1A0577	KARNENA NITISH KUMAR	✓
80	229P1A0578	KATHIMANDA DAVID STEVEN	✓
81	229P1A0579	KATTA LAKSHMI JYOTHI	✓
82	229P1A0580	KATTA RAMA SWATHI	✓
83	229P1A0581	KATTA SAROJA	✓
84	229P1A0582	KOLLI LEELA SAI SRAVYA	✓
85	229P1A0583	KONDETI SUDHEER BABU	✓
86	229P1A0584	KONDURI NIKHILESH KRISHNA	✓
87	229P1A0585	KOPPISETTI UJJAYINI	✓
88	229P1A0586	KOSURI SURYA HARINI	✓
89	229P1A0587	KUCHULAPATI MANINDRA	✓
90	229P1A0588	LINGAM VINOD	✓
91	229P1A0589	LOPINTI MOUNIKA	✓
92	229P1A0590	MACHHA DURGA PRASAD	✓
93	229P1A0591	MALLIDI NAVYA REETHIKA REDDY	X
94	229P1A0592	MALLULA GOPIKAISWARYA	✓
95	229P1A0593	MANNE KRISHNA NAGA SAI	✓
96	229P1A0594	MARLAPUDI PRASHANTH	✓
97	229P1A0595	MENDA TEJA KOTESWARA RAO	X
98	229P1A0596	MIRIYALA HEMALATHA	✓
99	229P1A0597	MOMMILETI MOUNIKA	✓
100	229P1A0598	MONDI AKILESH	X
101	229P1A0599	MUCHI SRI DEVI	✓
102	229P1A05A0	MUDDE TEJA SREE	✓
103	229P1A05A1	MUTHYALA HARI MOULI	✓
104	229P1A05A2	MUTYALA BHAGYASRI	✓
105	229P1A05A3	NALLAMATI NAGA SIVA MANIKANTA	✓
106	229P1A05A4	NALLI SUSANNA	✓


Head of the Department
 Department of Computer Science & Engineering
 D.N.R. College of Engineering & Technology



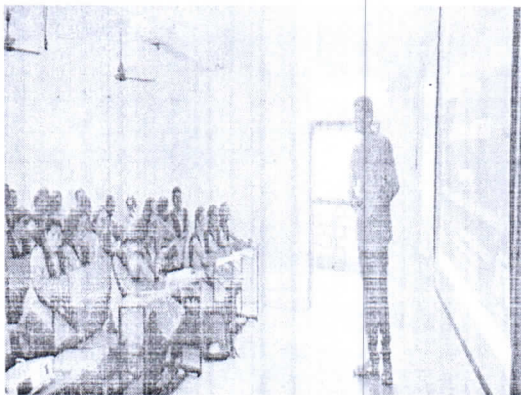


**D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM
DEPARTMENT OF MECHANICAL ENGINEERING**

**A Brief Report on
ONE DAY SEMINAR ON IMPORTANCE OF HIGHER STUDIES**

Held during 01st March 2024

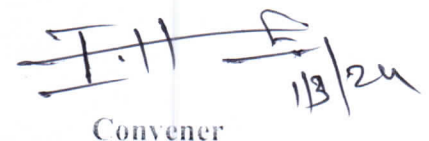
The Department of ME, organized a one day program on “**IMPORTANCE OF HIGHER STUDIES**” on 01/03/24 .Mr. S.Mamimohan Trinadh gave an awareness among students about the importance of higher studies. He also discussed about the advantages of going for higher studies to jobs with high pay scales. He further suggested various books and web links to the students to get awareness on new programs.




Coordinator



**PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 207**


Convener



DNR COLLEGE OF ENGINEERING & TECHNOLOGY: Bhimavaram

Academic Year: 2023-24

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET				
TOPIC: ONE DAY SEMINAR ON IMPORTANCE OF HIGHER STUDIES				
DATE: 01/03/2024		YEAR&SEM: IV Yr & I Sem		BRANCH: ME
Sl.No	Roll.No	Student Name	MORNING: 9:30- 1:00	AFTERNOON: 2:00- 4:30
			SIGNATURE	SIGNATURE
1	209P1A0301	ALAPATI SANJESH	Ab	Ab
2	209P1A0302	B VEERA	B.veera	B.veera
3	209P1A0303	BSIVA NAGA PHANINDRA	B.S.N. Ph.	B.S.N. Ph.
4	209P1A0305	CHEBROLU MAHESH	Ab	Ab
5	209P1A0306	CHINNAPARAPU POORNA	Chpe	Chpe
6	209P1A0309	G JAYA KRISHNA	G Jay	G Jay
7	209P1A0310	K KARTHIK	Karthik	Karthik
8	209P1A0311	KANDULA AYYAPPA	Ab	Ab
9	209P1A0312	KODURI SAI SURESH	K.Sai	K.Sai
10	209P1A0313	KOLLATI GOWTHAM	K. Gowtham	K. Gowtham.
11	209P1A0314	KONA PRASAD	K. Prasad	K. Prasad.
12	209P1A0315	MAGAPU SUVARNA RAJU	Ab	Ab
13	209P1A0316	MOLLETI ADITYA	M. ADITYA	M. ADITYA.
14	209P1A0317	N DURGA PRASAD	N. Durga	N. Durga.
15	209P1A0318	N YASHVANTH NARASIMHA	Ab	Ab
16	209P1A0320	NUNNA VEERA KRISHNA	N. Ravji	N. Ravji
17	209P1A0321	P RAVI TEJA	P. Ravi	P. Ravi
18	209P1A0322	PEDDINTI AJAY LAKSHMAN	Ab	Ab
19	209P1A0323	PULLETIKURTHI DURGA	Ab	Ab
20	209P1A0325	V.VENKATA CHANDRA SEK HAR	Ab	Ab
21	209P1A0326	VALLABU CHANDU	V. Chandu	V. Chandu.
22	209P1A0327	VELAGALA PREM ADITYA	v.v. Pandu	Ab
23	209P1A0328	VELAM VENKATA PANDU	AD	Ab.
24	219P5A0301	AKKENA ANANTH RAO	Ab	Ab
25	219P5A0302	AMBATI LOVELY	Ab	Ab
26	219P5A0303	BALLE SANDEEP	Ab	Ab
27	219P5A0304	BODDETI TAGORE VENKATA	Ab	Ab
28	219P5A0305	CHAKRADHARVEERLA	Ch. Veerla	Ab
29	219P5A0306	CHEBROLU JHANSI KEERTHI	Ch. Jhansi	Ch. Jhansi
30	219P5A0307	GARIKIMUKKU ABHINAV	G. Abhinav	G. Abhinav

PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534

31	219P5A0308	GUDALA RAJESH	Ab	Ab
32	219P5A0309	IPPILI JAYARAM	Ab	Ab
33	219P5A0310	JELLA TEJA KISHORE	J. Teja	J. Teja
34	219P5A0313	KAKARAPARTHI SRI SAI	Ab	Ab
35	219P5A0314	KALAPUREDDI PAVAN KUMAR	Ab	Ab
36	219P5A0315	KANTHETI NAGA SRINU	k. nagesw	k. nagesw
37	219P5A0316	KATAKOTA KRISHNA SAI	k. kishan	k. kishan
38	219P5A0318	KONA DURGA PRASAD	Ab	Ab
39	219P5A0319	MADABATHULA SYAM KUMAR	Ab	Ab
40	219P5A0320	MADDA DAIVA VARAM	Ab	Ab
41	219P5A0321	MAGAPU BHARATH KUMAR	M. Bharath	M. Bharath
42	219P5A0322	MALABALA SRINU	M. Srinu	M. Srinu
43	219P5A0323	MALLA ADI VENKATA GANESH	Ab	Ab
44	219P5A0324	MALLA TEJESWAR	Ab	Ab
45	219P5A0326	MENNI MAHESH SATYA	Ab	Ab
46	219P5A0327	MORICE PRAJEETH KUMAR	M. PRAJEETH	M. PRAJEETH
47	219P5A0328	MUNAKALA DILEEP KUMAR	Ab	Ab
48	219P5A0329	N SAI BABA	N. Sai	N. Sai
49	219P5A0330	NADELLA RAM SAINADH	N. Sai	N. Sai
50	219P5A0331	NAKKULLA PRASAD	Ab	Ab
51	219P5A0332	NIMMALA PAVAN DURGA	Ab	Ab
52	219P5A0333	NOKKU VIJAY KUMAR	N. Vijay kumar	N. Vijay kumar
53	219P5A0334	NUNNABOINA	Ab	Ab
54	219P5A0335	PALA AYYAPPA	Ab	Ab
55	219P5A0336	PEDDA VASU	Ab	Ab
56	219P5A0340	SRIKANGAM NAGA VEERA	Tammara S. Durga	Tamma. Raviduga
57	219P5A0341	TAMMA RAVI SAI DURGA	T. Ravi	T. Ravi
58	219P5A0342	TOLETI VENKATA SAI PAVAN	Ab	Ab
59	219P5A0346	VEGIVADA SURESH	V. Suresh	V. Suresh
60	219P5A0347	VISWANADHAM YASHODHAR	V. Yashodhar	V. Yashodhar

V. Yashodhar

PRINCIPAL
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202

[Signature]
COORDINATOR

[Signature]
PRINCIPAL

MMTRINATH1832@GMAIL.COM

(850) 100-7744

31/401, Swagruha Apartments
Hyderabad, Telangana, 500035



S.MANIMOHAN TRINATH

GATE/ESE TRAINER

EDUCATION

ANDHRA UNIVERSITY

Visakapatnam, AndhraPradesh

Post Graduation ELECTRONICS
(Apr 2008)

LICENSES AND CERTIFICATIONS

Patented -- MACHINE LEARNING
BASED METHOD FOR
OPTIMIZATION OF POWER
MANAGEMENT IN RENEWABLE
AND NON RENEWABLE ENERGY
RESOURCES

Achieved - **WORLD BOOK OF
RECORDS in 2020** for
participating as one of the
Keynote Speaker(s) in a Mass
Event organized by ESN
Publications as one of the
Longest International
Conferences following the
duration of 150 Hours
continuously

BEST TEACHER AWARD 2019
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(SELECTED AND AWARDED BY
DR.P.KOTHARI, ex.IIT.DELHI
DIRECTOR, former VICE
CHANCELLOR OF VIT,
PRESIDENT ESN AWARDS)

All INDIA Top 5% (15th Rank) in
EDC/VLSI conducted by IISC
under NPTEL

CAREER OBJECTIVE

Quality-oriented professional with 13.5+ years of experience and a proven knowledge of classroom management, lifelong learning, and adaptive teaching methods. Aiming to leverage my skills to successfully fill the GATE/ESE TRAINER role.
"MY EDGE IS KNOWLEDGE"
"MY SIGHT IS INSIGHT"

PROFESSIONAL EXPERIENCE

GATE/ESE TRAINER

ACE ENGG ACADEMY, HYDERABAD, TELENGANA / May 2016 – Present

- Working as a GATE / ESE TRAINER giving coaching to ECE/EEE/EIN students on Analog Electronics, EDC & VLSI subjects all over India through ACE Engineering Academy. Also, handed down number of Seminars, Presentations, Guest Lectures in IIT, NIT, IIIT, Delhi Technological University & various Affiliated Private Colleges in India regarding GATE/ESE awareness program and core subject discussion in cited subjects, representing the organization.

As a Freelancer

EXPERT TRAINER in COMPITETIVE TECHNICAL EXAMS LIKE ESE, GATE SINCE 2010 worked as a freelancer

As a Faculty

Worked as an Assistant Professor May 2008- may 2010 In Sphoorthy Engineering College, Hyderabad

H. Anankumar

PRINCIPAL
J.N.R. College of Engg. & Tech
BHIMAVARAM-534 207

Certified University Topper in
MASTERS IN ELECTRONICS

Certified project at ATIEPI
central Govt of India.

I understand Education is not a
fashion, it is an endless ocean and I
have chosen Electronics and
Communications as my career in
which I successfully completed
Masters and achieved the
University Top merit award. Now I
am in a search to find the
"TRUTH ABOUT THE UNTRUTH" by
which I am empowering Engineering
students with light and knowledge
since 2008

ACHIEVEMENTS:

- AIR 3rd rank in Sri Venkateswara University Entrance Examination
- AIR 3rd rank in Acharya Nagarjuna University Entrance Examination
- AIR 12th rank in Andhra University Entrance Examination
- AIR 4th rank in Osmania University Entrance Examination.

Y. Anandkumar

PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-521 102

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF ECE**



**One day Workshop on "Effects Of Skill Acquisition On
Entrepreneurship Development"
05-01-2024**

❖ 05.01.24

❖ Venue: Seminar Hall
DNR CET

PROGRAMME

* Registration	-	09-30 A.M. to 10-00 A.M.
* Inauguration of the Workshop	-	10-00 A.M. to 10-45 A.M.
* Tea Break	-	10-45 A.M. to 11-00 A.M.
* Session 1	-	11-00 A.M. to 01-00 P.M.
LUNCH BREAK		
* Session 2	-	02-00 P.M. to 02-45 P.M.
* Tea Break	-	02-45 P.M. to 03-00 P.M.
* Session 2	-	03-00 P.M. to 04-20 P.M.

Head of the Department



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

Department of Electronics & Communication Engineering

A Report on “Effects Of Skill Acquisition On Entrepreneurship Development” Held during 05-01-2024

Conducted by: Department of Electronics and Communication Engineering

A one-day workshop on **Effects Of Skill Acquisition On Entrepreneurship Development** was organized by Department of **Electronics and Communication Engineering**.

The program was inaugurated by Dr. M. Anjan Kumar, Principal, DNR College Of Engineering & Technology.& Dr.A.P.Ramesh, HOD, ECE department along with an inaugural speech highlighting the importance of these topics for the students.

The Resource person **Dr G.PRASANNA KUMAR**, Department of Electronics & Communication Engineering, Vishnu Institute of Technology (VIT), Bhimavaram delivered a lecture on Effects Of Skill Acquisition On Entrepreneurship Development. The event was basically designed with the interactive workshops and sessions covering various aspects of intellectual property, including patents, trademarks, copyrights, and trade secrets. Mrs. B.NAGAMANI, *Asst. Prof* DEPARTMENT OF ECE , DNR CET acts as a Coordinator to the event.




Coordinator

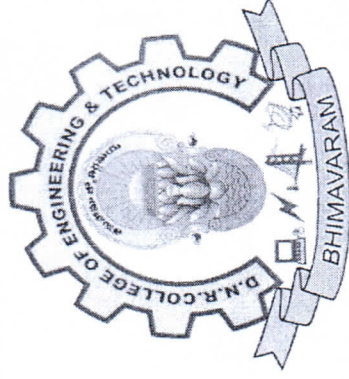

Convener

A ONE DAY WEBINAR ON "EFFECTS OF SKILL ACQUISITION ON ENTREPRENEURSHIP DEVELOPMENT"

05-01-2024

Organized By

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



DNR COLLEGE OF ENGINEERING TECHNOLOGY (A)

ORGANIZING COMMITTEE

1. Mr. K.Satish kumar
2. Mr. K.Sekhar Babu
3. Mr.K.Venu Gopal.
4. Mr.Gopala Swamy
5. Mr. M.Venu.
6. Mr. Rakesh Patnaik
7. Mrs. K.Indira priyadarsini.
8. Mrs. N.Mary Leena
9. Mrs. K. Vanaja
10. Mrs.B.Vaisalini
- 11.B.Rosey Sharon

VENUE & TIME:
SEMINAR HALL,
DNR College of Engineering & Technology.
TIME : 9:30 AM Onwards

INAUGURATION

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU

Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. N.VENKATA RAO
Dean Academics, DNR CET.

CONVENER

Sri. Dr.A.P.RAMESH
Head & Prof.
DEPARTMENT OF ECE

WORKSHOP COORDINATORS

Mrs.B.NAGAMANI., Asst. Prof.
DEPARTMENT OF ECE

ABOUT THE INSTITUTION	SEMINAR THEME	TOPICS FOR DISCUSSION INCLUDE
<p>The DNR College of Engineering and Technology (DNR CET) was established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.</p> <p>Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).</p>	<p>Every developing country like Nigeria is faced with the challenges of unemployment, many citizens of working age roam the streets in search of white collar jobs. Majority of these citizens do not have any form of skills that can help them out of these situations. Thus, the acquisition of appropriate skill in entrepreneurship development is necessary for sustainable empowerment and employment creation. This study examines the relationship between skills acquisition and entrepreneurship development in Ogun State, Nigeria. Ninety-three (93) sample size from population of 120 entrepreneurs were selected for this study. Survey design was employed and data were collected through primary source, structured questionnaire used to collect data. Responses were analyzed using descriptive (percentages and frequency distribution) and inferential statistics</p>	<ul style="list-style-type: none"> ➤ Relationship between skills acquisition and entrepreneurship. ➤ Reason for not starting new ventures in a country like India. ➤ Practical entrepreneurship training in our tertiary institutions. <p>Resource Person Dr G.Prasanna Kumar, Vishnu Institute of Engineering & Techno Bhimavaram.</p>
<p>ABOUT THE DEPARTMENT The Department of Electronics and Communication Engineering (ECE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members of ECE are highly qualified. ECE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.</p>		



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrcet.org>

Department of Electronics & Communication Engineering

REPORT ABOUT THE PROGRAMME

Dt: 05/01/2024

Title of the programme: One day workshop on “*Effects Of Skill Acquisition On Entrepreneurship Development*”.

Inauguration Date & Venue: 05/01/2024 & DNR CET Seminar Hall.

Organized by : Department of Electronics & Communication Engineering, DNR CET.

Resource Person: Dr G.Prasanna Kumar

Associate Professor

Vishnu Institute of Engineering & Technology, Bhimavaram

Chief Guest: Sri G. Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association.

Inauguration: Dr. M. Anjan Kumar

Principal, DNR College Of Engineering & Technology.

Number of Students attended: 79

CONCEPT:

Every developing country like Nigeria is faced with the challenges of unemployment, many citizens of working age roam the streets in search of white collar jobs. Majority of these citizens do not have any form of skills that can help them out of these situations. Thus, the acquisition of appropriate skill in entrepreneurship development is necessary for sustainable empowerment and employment creation. This study examines the relationship between skills acquisition and entrepreneurship development in Ogun State, Nigeria. Ninety-three (93) sample size from population of 120 entrepreneurs were selected for this study. Survey design was employed and data were collected through primary source, structured questionnaire used to collect data. Responses were analyzed using descriptive (percentages and frequency distribution) and inferential statistics (regression) to test the hypotheses. A significantly strong positive relationship was found to exist between skill acquisition and entrepreneurship development ($r = 0.879$), strong positive relationship was observed between practical entrepreneurship development and employability ($r = 0.899$). The study therefore, recommends that there is need for skills acquisition training for all youth and young adult starting from primary schools to tertiary institutions via practical entrepreneurial studies. There is also the need to build entrepreneurial resource and knowledge

S.No	NAME OF THE STUDENT	05/01/2024	
		FN	AN
1.	M.T.V.N.A.Phanindra	M.Phanindra	M.Phanindra
2.	B.Satyapavan	B.Satyapavan	B.Satyapavan
3.	V.Dharanijara Reddy	V.Dharanijara Reddy	V.Dharanijara Reddy
4.	B.Revanth	B.Re	B.Re
5.	M.M.MahaDev	M.M.Dev	M.M.Dev
6.	V.Sureshendra A Naidu	V.Naidu	V.Naidu
7.	N.Adithya Varma	N.	N.
8.	N.Srinivasa Raju	N.Srinivasa Raju	N.Srinivasa Raju
9.	T.Simhadri Ram	T.Simhadri Ram	T.Simhadri Ram
10.	N.TARAKA RUPESH	N.T.P.	N.T.P.
11.	V.Yesubabu	v.yesubabu	v.yesubabu
12.	C. Jothimani Kantu	C.J.	C.J.
13.	G.Shankar Jee	G.Shankar Jee	G.Shankar Jee
14.	Bh.S.S.V.Kumar	Bh.S.S.V.Kumar	Bh.S.S.V.Kumar
15.	M.Bhanu Prakash	M.Bhanu	M.Bhanu
16.	R.hemath	R.hemath	R.hemath
17.	M.Pavan Sudarshan	M.Pavan	M.Pavan
18.	V.S.G.L.Narasimha	V.S.G.L.Narasimha	V.S.G.L.Narasimha
19.	V.Bhanu Vardhan	v.bhanu vardhan	v.bhanu vardhan
20.	P.Raju	P.Raju	P.Raju
21.	P.Kiran	P.K	P.K
22.	P.Saikumar	P.Saikumar	P.Saikumar
23.	M.Mohan Durga prasad	M.Mohan	M.Mohan
24.	M.Akhila	M.A	M.A
25.	V.Pujitha	v.Pujitha	v.Pujitha
26.	K.Harshini	K.Harshini	K.Harshini
27.	Md.Naziya	Md.Naziya	Md.Naziya
28.	N.Lavanya	N.Lavanya	N.Lavanya
29.	M.Hema Naga lohitha	M.Lohitha	M.Lohitha
30.	Y.kanaka Durga devi	Y.k.Durga Devi	Y.k.Durga Devi
31.	R.Divya	R.Divya	R.Divya
32.	M.Lilly Monica	M.L.Monica	M.Lilly
33.	G.H.S.N.Alekhye	G.Alekhye	G.Alekhye
34.	P.Renuka	P.Renuka	P.Renuka

35.	Talla Yoga Nayya Sri	T.Y. Nayya Sri	T.Y. Nayya Sri
36.	Maruboyina Kanya Sri	Mokanya Sri	Mokanya Sri
37.	P. Vasanthi	P. Vasanthi	P. Vasanthi
38.	P. Chandana	P. Chandana	P. Chandana
39.	V. Vyshnavi	V. Vyshnavi	V. Vyshnavi
40.	S. Sandhya	S. Sandhya	S. Sandhya
41.	A.M.N.B. Basanth	A.M.N.B. Basanth	A.M.N.B. Basanth
42.	A. Jayaram	A. Jayaram	A. Jayaram
43.	A. Uma Manikanta	A.U. Manikanta	A.U. Manikanta
44.	D.L. Prathap	Prathap	Prathap
45.	D. Peppa Sed	D. Peppa Sed	D. Peppa Sed
46.	A.Sri Harsha Sri Prakash	A.S.H. Prakash	A.S.H. Prakash
47.	B. Surendra Goud	B. Surendra Goud	B. Surendra Goud
48.	V.P.S.L.N. Paju	V.P.S.L.N. Paju	V.P.S.L.N. Paju
49.	S. Venkatesh	S. Venkatesh	S. Venkatesh
50.	v. Phani Martraya	v. Phani Martraya	v. Phani Martraya
51.	ch. Janaki Ram	ch. Janaki Ram	ch. Janaki Ram
52.	N. Naga Durgarao	N. Naga Durgarao	N. Naga Durgarao
53.	A. Manikanta	A. Manikanta	A. Manikanta
54.	T. Lakshminarayana	T. Lakshminarayana	T. Lakshminarayana
55.	D. Devendra naga sai naga prasad	D. Devendra	D. Devendra
56.	A. Hema Nagendra	A. Hema Nagendra	A. H. Nagendra
57.	K. Naga Durga Prasad.	K.N.D. Prasad.	K.N.D. Prasad.
58.	B. Rama Chandra Rao	B. Rama Chandra Rao	B. Rama Chandra Rao
59.	B. Murari Purna Krishna	B. Murari Purna Krishna	B. Murari Purna Krishna
60.	B. Hemajali	B. Hemajali	B. Hemajali
61.	B. Jennifer	B. Jennifer	B. Jennifer
62.	K. MEGHAMALA	K. Mehamala	K. Mehamala
63.	B. Venkata Anula.	B. Venkata Anula	B. Venkata Anula
64.	K. Jyothsna	K. Jyothsna	K. Jyothsna
65.	T.M.V.P.S.S. Nandini	T.M.V.P.S.S. Nandini	T.M.V.P.S.S. Nandini
66.	G. Siri	G. Siri	G. Siri
67.	K. Rupa suryakala	K.R. suryakala	K.R. suryakala
68.	T. Nayyasi	T. Nayyasi	T. Nayyasi
69.	D. Teevama Sravanthi	D.T. Selli	D.T. Selli
70.	k.k.L. keerthi priya	k.k.L. keerthi priya	k.k.L. keerthi priya

RESOURCE PERSON PROFILE

G.PRASANNAKUMAR

Associate Professor

Mobile: 9491966854

Email:

godiprasanna@gmail.com

[om](mailto:godiprasanna@gmail.com)

Objective:

To associate myself with the organization where there is an opportunity to contribute and update my knowledge in the field Electronics and Communication & Engineering and strive hard for the growth of the organization

Educational Qualifications:

S.No	Qualification	Specialization	Institution	University/ Board	Year of pass	% of Marks
1.	Ph.D	Signal Processing	JNTUK	JNTUK	2021	---
1.	M.Tech	Systems and signal processing	Jntu college of Engg,Hyderabad	JNTUH	2010	74.41
2.	B.E	ECE	S.R.K.R Engg College,BVRM	Andhra University	2007	67.82
3.	Intermediate	MPC	Aditya junior college,Bvrn	Board of Intermediate Education	2003	86.5
4.	SSC	---	SJZPH School,goragana mudi	Board of Secondary Education	2001	82.6

Professional Experience:

S.No	Position Held	Name of the Employer	From	To	Experie nce
1.	Associate Professor	Vishnu Institute of Technolog y, Bhimavara m	05-05- 2011	Till date	10 yrs 7 mon ths
2.	Assistant Professor	Swarnandhra engg college ,narsap uram	06-06- 2010	30-04- 2011	11 months
3	Assistant	S.R.K.R	19-06-	01-06-	11

Effects Of Skill Acquisition On Entrepreneurship Development

Decades ago job opportunities abound for Nigerian graduates, it was such a situation that employers plead with tertiary institutions to release graduating students on yearly basis for automatic employment into their various organizations. Today, reverse is the case as there are few available jobs being chased by lots of individual, also majority of graduates are not employable because they possess little or no practical skills fit for the job or even the fortunate individuals who get fresh jobs have to be re-trained in order to acquire required skills for efficiency and effectiveness on the job Okolie (2010). There seems to be a gap between the world of learning and the labour market. The aim of this study is to examine the impact of skills acquisition on entrepreneurship development in Ogun State, Nigeria. Therefore, the study seeks the need to blend theoretically acquired knowledge with practical entrepreneurship training in our tertiary institutions. It is against this identified gap that this study tries to x-ray the significance of skills acquisition on entrepreneurship development with focus on practical entrepreneurship training on employability. In today's world, employment prospects amongst Nigerian youths are becoming increasingly competitive and the job openings are equally limited. The stark reality is that for university graduates and other professionals, job competition and unemployment are becoming stiffer and tougher. Unfortunately, government's response to the unemployment problem is slow, inadequate and not radical. More worrisome is the fact that the nation's tertiary institutions continue to turn out graduates yearly, while available jobs remain inadequate to keep pace with the growing numbers of jobseekers, some graduates are even paid peanuts in order to secure paid jobs, while others now fall back on their lower qualifications to secure menial jobs. Entrepreneurial skills acquisition has been suggested to help redress the problems of unemployment and poverty among the teeming youths and graduates in Nigeria as they will make them not only to be job creators but also wealth creators (Midea, 2004; Izedonmi, 2009; Unachukwu, 2009). Furthermore, Unachukwu (2009) opined that entrepreneurship is a central pillar to economic growth and development, employment generation and poverty alleviation. Hence, our nation cannot afford to toy with the issue of entrepreneurship. Entrepreneurial skills acquisition and development as an instrument of empowerment to provide the people with skill, vocation and make them an entrepreneur, these skills if well acquired can lead to self-sustainability, social interaction amidst the entrepreneurs and ultimately improve the social status of the



D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 25/01/2024

CIRCULAR

This is informing to all the faculty members that Department of **ELECTRICAL & ELECTRONICS ENGINEERING** is going to conduct One day work shop on research methodology "**Low-Cost Virtual Systems**" it is going to conduct from 27-01-2024. This will be a good knowledge sharing platform for faculty. All the staff are advised to attend the program without fail.

H. Anandkumar

Principal

Copy to:

- 1) Secretary, & Correspondent
- 2) Principal's office
- 3) HOD(EE),
- 4) Circular file.

H. Anandkumar
D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY
BHIMAVARAM-531 202



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi, Bhimavaram – 2

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Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ABOUT THE PROGRAMME

Title of the Program: ONE DAY WORK SHOP ON RESEARCH METHODOLOGY:
LOW-COST VIRTUAL SYSTEMS

Inauguration Date & Venue: 27TH JAN 2024 & DNR CET Seminar Hall

Organized By: Department of Electrical and Electronics Engineering

Resource person:

Dr.J .UDAY BASKAR

Professor,

(EEE Department),

MALLA REDDY ENGINEERING COLLEGE, HYDERABAD

Chief Guest: Sri G.Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association

Inauguration: Dr. M.Anjan Kumar

Principal, D.N.R College of Engineering & Technology

Number of Faculty Attended: 33

Concept:

Low-cost virtual systems, there are several affordable options depending on the type of service or infrastructure you're interested in. These could include cloud hosting, virtual private servers (VPS), or even virtual desktops for personal or business use. Below is a breakdown of affordable solutions for various needs:



PRINCIPAL
D.N.R. College of Engineering & Technology
BHIMAVARAM 524 207

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (DNR CET) were established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories. Institute offers seven branches of Engineering at the undergraduate level and four post graduate level M.Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE) and accredited with NBA & (A++) Grade by NAAC.

ABOUT THE DEPARTMENT

ELECTRICAL & ELECTRONICS ENGG.(EEE) Department

The Department of Electrical & Electronics Engineering (EEE) was established in the year 2010 with an intake of 60 for B.Tech (UG) program and 60 for DEEE. The department possesses one Doctoral faculty from reputed university. All faculty members of EEE are highly qualified. EEE students enjoy the benefits which includes well equipped lab facilities more relaxed and personal atmosphere with good internet facility, specialized attention and guidance from faculty members. Many EEE students are placed in reputed companies like VOLTECH, CPF, EFFOTRONICS and many software companies like HCL, TECH MAHINDRA, and TCS etc....

PROGRAMME OBJECTIVE

To create awareness to the students and faculty on the importance of One Day Work Shop on Research Methodology: Low-Cost Virtual Systems in Electrical Engineering Applications, opportunities and challenges.

ABOUT WORKSHOP

Low-cost virtual systems, there are several affordable options depending on the type of service or infrastructure you're interested in. These could include cloud hosting, virtual private servers (VPS), or even virtual desktops for personal or business use. Below is a breakdown of affordable solutions for various needs

WORKSHOP COVERAGE

- **Eligibility**
- **Duration**
- **Benefits**

ORGANIZING COMMITTEE

Patron:

Sri G. V. NARASIMHA RAJU

Hon.. President,

DNR College Association

Vice Patron:

Sri G.SATYANARAYANA RAJU

Hon. Secretary & Correspondent

DNR College Association

Chairman:

Dr. M.ANJAN KUMAR

Principal, DNR CET

Advisory Committee:

Dr.B.V.S.Varma,

Professor (CSE) & Vice Principal

Dr.N.Venkata Rao,

Professor (ECE) & Dean Academics

Dr.A.Ramamurthy,

Professor (CSE) & Dean Administration

Dr.K.B.V.S.R.Subrahmanyam,

Professor (EEE) & Dean Exams

Conveners:

Dr. KBVSR SUBRAHMANYAM,

H.O.D, EEE & Dean, Exams

Coordinators

Mr.D.Joseph Kumar, EEE Dept.

Mr.M.Srinu, EEE Dept.

Organizing Committee

All the Staff members of Department of EEE.

Participants

All the B.Tech students of EEE

Resource Person

Dr.D. Venkatapathi Raju

Professor,

HOD (S&H Department),

SRKR ENGINEERING COLLEGE

Organized By

Department of

ELECTRICAL & ELECTRONICS

ENGG. (EEE)

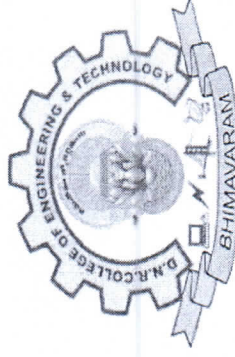
DNR College of Engineering &

Technology

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Bhimavaram – 534 202



Y. Anjukumar

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Balusumudi, Bhimavaram - 2

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Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One day work shop on research methodology: Low-cost virtual systems 27/01/2024

SI	NAME OF THE FACULTY	DEPARTMENT	DATE 27/01/2024	
			AN	FN
1.	N. Hema	Civil		
2.	B. Nagamani	ECE	Nagamani	Nagamani
3.	V. Susmita	CSE	Susmita	Susmita
4.	V. Lakshmi	ECE	Lakshmi	Lakshmi
5.	M. padmasri	ECE	Padmasri	Padmasri
6.	G. vamsi krishna	GM ECH	G. vamsi krishna	G. vamsi krishna
7.	S. Beula kiran	MBA	S. Beula kiran	S. Beula kiran
8.	H. Venkata Keerthi	S&H	H. Venkata Keerthi	H. Venkata Keerthi
9.	N. Bharathi	CSE	N. Bharathi	N. Bharathi
10.	M. padhama sri	ECE	M. padhama sri	M. padhama sri
11.	Dr. Gayathri R	ECE	Gayathri R	Gayathri R
12.	P. L. Rajeswari	S&H	P. L. Rajeswari	P. L. Rajeswari
13.	M. Srinu	EEE	M. Srinu	M. Srinu
14.	M. Harishita Keerthi	S&H	M. Harishita Keerthi	M. Harishita Keerthi
15.	K. Sathish Kumar	ECE	K. Sathish Kumar	K. Sathish Kumar

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WHAT IS A LOW-COST VIRTUAL SYSTEM?

A **low-cost virtual system** typically refers to a digital infrastructure or software solution that can be used to perform tasks or run operations virtually, at a relatively low cost. These systems are designed to be affordable, scalable, and accessible, often leveraging cloud-based technology or open-source platforms to reduce hardware and maintenance costs. Virtual systems can be used for a wide range of purposes, from hosting websites to managing customer relationships or even operating entire businesses online.

Here's a breakdown of what **low-cost virtual systems** can refer to in different contexts:

1. Virtual Servers and Hosting

A **virtual server** is a software-based emulation of a physical computer. Virtual servers allow businesses or individuals to host websites, applications, or data without needing to maintain physical hardware. Low-cost virtual servers are typically offered via cloud computing platforms that allow businesses to pay for only the resources they use.

- **Examples:**
 - **Amazon Web Services (AWS):** Offers low-cost virtual private servers (EC2 instances) that can be scaled based on need.
 - **Digital Ocean:** Known for offering affordable virtual private servers (droplets) that are easy to set up and scale.
 - **Vulture:** Another popular service for virtual servers with a pay-as-you-go pricing model.
- **Benefits:**
 - No upfront hardware costs.
 - Scalable based on usage.
 - Pay only for what you need.
 - Reduced maintenance and infrastructure costs.

2. Virtual Workspaces and Remote Systems

A **virtual workspace** allows teams to collaborate and work from anywhere, leveraging cloud-based systems. These systems can include tools for communication, file storage, project management, and remote desktop access.

- **Examples:**
 - **Google Workspace** (formerly G Suite): Includes email, document editing, spreadsheets, and collaboration tools.
 - **Microsoft 365:** Provides cloud-based versions of Microsoft Office applications, email, and team collaboration tools like Microsoft Teams.
 - **Slack:** A team collaboration tool that integrates with other platforms to facilitate communication in a virtual workspace.
- **Benefits:**
 - Employees can work from anywhere with internet access.

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- Low-cost, pay-as-you-go subscriptions.
- Easy scalability for businesses of all sizes.
- Reduced need for office infrastructure or on-premise hardware.

3. Virtual Machines (VM)

A **virtual machine** is a software emulation of a physical computer that runs an operating system and applications just like a physical machine. Low-cost virtual machines can be used for software testing, development, or running legacy applications on modern hardware.

- **Examples:**
 - **VMware:** A popular virtualization platform that allows businesses to run multiple virtual machines on a single physical server.
 - **Oracle VM:** A free, open-source virtual machine platform designed for enterprise environments.
 - **VirtualBox:** A free, open-source solution for running multiple operating systems on a single machine.
- **Benefits:**
 - Reduces the need for physical servers.
 - Allows businesses to test applications or software in a controlled, isolated environment.
 - Cost-effective for small businesses that need multiple environments without purchasing multiple physical servers.

4. Virtual Customer Relationship Management (CRM) Systems

A **virtual CRM system** allows businesses to manage customer interactions, sales, and marketing efforts online. These tools help businesses manage customer data, track interactions, and provide customer service without maintaining expensive, on-premise infrastructure.

- **Examples:**
 - **Hub Spot CRM:** A free CRM that offers low-cost paid plans for more advanced features. It helps businesses manage contacts, track sales, and automate marketing efforts.
 - **Zoho CRM:** A low-cost CRM solution with a wide array of features like lead management, reporting, and email automation.
 - **Pipe drive:** An affordable, user-friendly CRM focused on sales pipeline management.
- **Benefits:**
 - Easy to set up with no need for physical infrastructure.
 - Low-cost plans with flexible pricing for small businesses.
 - Cloud-based, so teams can access CRM data remotely.
 - Scalable as your business grows.

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5. Virtual Collaboration and Communication Tools

Low-cost virtual systems for collaboration and communication allow teams to work together in real-time without being physically present in the same location.

- **Examples:**
 - **Zoom:** Provides video conferencing and webinar services. The free plan supports up to 100 participants for 40-minute meetings.
 - **Google Meet:** Another low-cost video conferencing tool integrated with Google Workspace, ideal for quick team meetings.
 - **Trello:** A project management tool that helps teams organize tasks and track progress in a visual format.
- **Benefits:**
 - Reduced travel and communication costs.
 - Accessible to remote or distributed teams.
 - Easy to use, with affordable pricing structures.

6. Virtual Ecommerce Solutions

Low-cost virtual systems can also apply to running an e-commerce business. These platforms provide everything a business needs to set up an online store and manage sales, from inventory to payments.

- **Examples:**
 - **Shopify:** Offers a low-cost subscription model for building and managing online stores.
 - **Wix:** A website builder with integrated e-commerce features, allowing businesses to create online stores with minimal upfront costs.
 - **Big Cartel:** A low-cost e-commerce platform tailored to artists and makers who need simple online stores.
- **Benefits:**
 - No need for physical retail infrastructure.
 - Low monthly fees with easy-to-use templates.
 - Scalable as your product offerings grow.
 - Integrated tools for marketing, sales, and customer management.

7. Low-Cost Virtual Software as a Service (SAAS) Tools

SAAS platforms provide cloud-based software applications that businesses can use for a wide range of functions—customer support, accounting, marketing automation, etc.—without needing to invest in expensive, on-premise solutions.

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- **Examples:**
 - **QuickBooks Online:** A low-cost, cloud-based accounting system for small businesses.
 - **Mail chimp:** An affordable email marketing platform, with free and low-cost plans for small businesses.
 - **Canvas:** A graphic design tool that offers free and affordable premium versions for creating marketing materials.
- **Benefits:**
 - No need to invest in hardware or server infrastructure.
 - Subscriptions are often low-cost and scalable.
 - Software is updated automatically, reducing maintenance costs.

8. Virtual Business Process Outsourcing (BPO)

For many small businesses, hiring external contractors or virtual assistants to handle non-core business functions (like customer support, social media management, or data entry) is a cost-effective alternative to hiring full-time employees.

- **Examples:**
 - **Up work:** A freelancing platform where you can hire virtual assistants and freelancers for specific projects.
 - **Fiver:** Another freelancing platform offering a wide range of services at affordable prices.
 - **Belay:** A virtual assistant company offering affordable, US-based virtual assistants to help businesses with various administrative tasks.
- **Benefits:**
 - Access to affordable talent on-demand.
 - No need for long-term commitments or overhead costs.
 - Allows businesses to focus on core operations while outsourcing specialized tasks.

Conclusion

Low-cost virtual systems provide businesses with affordable, scalable solutions that leverage cloud computing, automation, and virtualization to reduce overhead, improve efficiency, and enhance flexibility. By adopting these systems, businesses can access powerful tools and infrastructure without the high costs associated with traditional, on-premise solutions. Whether it's virtual servers, CRM platforms, collaboration tools, or business process outsourcing, low-cost virtual systems enable businesses of all sizes to stay competitive in an increasingly digital world.

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CURRICULUM –VITAE

Dr.J.UDAY BHASKAR,
Flat.No.103, Ravindra Towers,
Kobbari Thota, Machilipatnam
Contact Number: 8555054468
E-Mail Id: udayadisar@gmail.com

SUMMARY

- Motivating and talented Electrical Professor driven to inspire students to pursue academic and technical excellence. Consistently strive to create a challenging and learning environment. Excellent track record of academic success with major published articles.
- Engaging Public Speaker, Innovative thinker, Soft Skills Trainer and Graduate Mentor.

WORK EXPERIENCE

- Total experience: 29 years
- Presently working as Professor in EEE Department, Malla Reddy Engineering College(Main Campus), Hyderabad since July 2023
- Working as IPR Coordinator, Malla Reddy Engineering College(Main Campus), Hyderabad
- Worked as Professor and Head of the Department, EEE Department, Srinivasa Institute of Engineering and Technology(Autonomous), Amalapuram from 1st September 2022 to July 4th 2023
- Worked as Professor and Head of the Department, EEE Department in RISE Krishna Sai Prakasam Group of Institutions, Ongole from November 2020 to August 2022.
- Worked as Head of the Department, EEE Department in D.M.S.S.V.H. College of Engineering, Machilipatnam from July 2010 to October 2020.

- Worked as Associate Professor,EEE Department in D.M.S.S.V.H. College of Engineering, Machilipatnam from August 2006 to June 2010.
- Worked as **Assistant Professor, EEE Department** in D.M.S.S.V.H. College of Engineering, Machilipatnam from December 1998 to July 2006.
- Worked as **Training and Placement Officer** in D.M.S.S.V.H. College of Engineering, Machilipatnam from October 2010 to October 2020 with strong industrial relations and highly successful in recruiting students in various campus drives
- Worked as **Marketing Engineer** at Phoenix Power Products, Visakhapatnam (Authorized Sales and Service Dealer, North Andhra for **Kirloskar Electric Company**) from August 1994- December 1998.
- **Ratified by JNTUK, Kakinada in 2013,2022,2023**

EDUCATIONAL CREDENTIALS

- **Ph.D** in the faculty of Electrical and Electronics Engineering from **JNTUK, Kakinada in June-2020**
- **Title of the Ph.D Thesis :**
“Wavelet-Fuzzy Based Multi Terminal Transmission System Protection Scheme in the Presence of FACTS Controllers”
- **M.Tech in High Voltage Engineering** from JNTUK, Kakinada in August 2006 with First class, Distinction
- **M.B.A(Marketing)** From IGNOU, New Delhi, 2001 With Distinction
- **B.E** in Electrical And Electronics from GITAM, Visakhapatnam, affiliated to **Andhra University** in August 1994 with First class

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ACADEMIC, ADMINISTRATIVE and PLACEMENT ACTIVITIES

- Good Knowledge in Research activities and very interested to motivate students in research and industrial approach.
- Acting as **IIC (Institution Innovation Council)** President in Srinivasa Institute of Engineering and Technology(Autonomous), Amalapuram.
- Acted as **NAAC Criteria 5 Coordinator** at Institutional level in RISE Krishna Sai Prakasam Group of Institutions, Ongole, having very good knowledge in filing and maintaining all documents for all the criteria in NAAC.
- Acted as **NBA Coordinator** at Department level in RISE Krishna Sai Prakasam Group of Institutions, Ongole, having very good knowledge in filing and maintaining all documents for all the criteria in NBA.
- Acted as **IQAC Coordinator** at department level.
- Handled all major subjects in Electrical Engineering and obtained excellent pass percentage and scores.
- Delivered Guest Lectures on **POWER SYSTEM PROTECTION** at D.N.R College of Engg, Bhimavaram and Sri Rama College of Engg, Tiruvuru.
- Presented 15 Motivational lectures on **Soft Skills and Personality Development** for Faculty and Engineering students at D.M.S.S.V.H College of Engg., Machilipatnam.
- Presented 4 lectures on **Latest trends in Advertising and Marketing** for Faculty and Engineering students at D.M.S.S.V.H College of Engg., Machilipatnam.
- Life time member in IAENG
- Participated in various FDPs and Workshops organized by Engineering colleges.
- Conducting Number of Campus Drives Successfully in D.M.S.S.V.H College of Engg., Machilipatnam since 2005 and achieved good number of campus selections.

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- Having Good Contacts and Rapport with various Organizations and Industries.
- Accompanied Students in 20 Industrial Visits across South India

RESEARCH PUBLICATIONS

International Journals

- 1) **J.Uday Bhaskar, S.S.Tulasi Ram**, "Wavelet Based Digital Protection Scheme for Series Compensated Multi-Terminal Transmission System in The Presence of TCSC", **JOURNAL OF ELECTRICAL ENGINEERING, ROMANIA, (JEE.RO)** DECEMBER 2016
(SCOPUS Indexed) POLITEHNICA Publishing House, ISSN 1582-4594 **Impact Factor 2.5682**
- 2) **J.Uday Bhaskar, G.Ravikumar, S.S.Tulasi Ram** "Wavelet-Fuzzy Based Digital Protection Scheme of Four-Terminal Transmission System in the Presence of UPFC" **I-MANAGER'S JOURNAL ON ELECTRICAL ENGINEERING, VOL.10, NO.3 JAN- MARCH 2017**
- 3) **J.Uday Bhaskar, S.S.Tulasi Ram**, "Wavelet-Fuzzy Based Multi- Terminal Transmission System Protection Scheme in the Presence of STATCOM Controller", **INTERNATIONAL JOURNAL OF FUZZY LOGIC SYSTEMS, (IJFLS)** Vol.6, No.3, July 2016 ISSN: 1839- 6283 **Google Scholar Indexed**
- 4) **J.UdayBhaskar, S.S.TulasiRam, G.RaviKumar** "SVC Compensated Multi Terminal Transmission System Digital Protection Scheme Using Wavelet Transform Approach" **INTERNATIONAL ELECTRICAL ENGINEERING JOURNAL (IEE.J)** VOL.7 ISSN 2078-2365, Google Scholar Indexed, **Impact Factor 3.688**
- 5) **J.Uday Bhaskar, G.Ravi Kumar, S.S.Tulasi Ram** "A Transient Current Based Wavelet-Fuzzy Approach for the Protection of Six-Terminal Transmission System" **International Journal of Exploration in Science and Technology(IJEST)** Vol. 1 Issue 3 (December 2016)
- 6) **J.Uday Bhaskar, S.Surendra, K.A.Rajani**, A NOVEL CONTROL STRATEGY FOR QUASI-Z SOURCE CASCADE MULTILEVEL INVERTER-BASED GRID-CONNECTED SINGLE-PHASE PV POWER SYSTEM, **International Research Journal of India**, VOLUME-II,ISSUE-IV, DEC-2016 **Impact Factor -1.3652 (JIIF)** ISSN 2454-8707

J. Uday Bhaskar

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7) **J.Uday Bhaskar, Ede Nageswararao, L.Pandu Ranga Prasad** “Modeling and Control of Distributed Generation based Micro Grid for Power Quality Furtherance” **International Journal of Innovative research and Creative Technology(IJIRCT)** Volume 2 , Issue 3, ISSN 2454-5988

8) **J.Uday Bhaskar, Nalli Anand Raju** “Performance Evaluation of Multi Level Converter type FCL-DVR for Power Quality Enhancement” **International Journal of Innovative research and Creative Technology(IJIRCT)** Volume 2 , Issue 3, ISSN 2454-5988

9) **J.UdayBhaskar, S.Ramya, G.Ravikumar, S.S.Tulasi Ram** “Analysis of Faults on SVC Compensated Three Terminal Transmission System Using Wavelet Fuzzy Approach”, **INTERNATIONAL JOURNAL OF ENGINEERING APPLIED SCIENCES AND TECHNOLOGY(IJEAST)** 2016, VOL. 2, ISSUE 2, ISSN NO. 2455-2143 Thomson Reuters Indexed, **Impact Factor 2.924**

10) **J.Uday Bhaskar, M.Ravikanth, S.S.Tulasi Ram** “Comparison of Different AI Techniques for Power Quality Improvement using STATCOM”, **International Journal of Engineering Trends and Technology (IJETT)** – Volume 38, No. 4- August 2016, **Impact factor 1.656**

11) **J.Uday Bhaskar, SK.Abdul Gafoor J.Amarnath** “Wavelet Based Double-line and Double-line-to Ground Fault Discrimination in a Three Terminal Transmission Circuit”, **INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING AND TECHNOLOGY(IJEET)**, VOL.5,ISSUE 8, AUGUST 2014 0976-6545 **Impact Factor 8.2691**

12) **J.Uday Bhaskar,SK.Abdul Gafoor, J.Amarnath** “wavelet-Fuzzy Based Fault Location Estimation in a Three Terminal Transmission System”, **IEEE EXPLORE, DIGITAL LIBRARY, AVAILABLE FROM NOV-2015**

13) **J. Uday Bhaskar, P. Sowbhagya Lakshmi** “Reducing the Fault Current and Over Voltages in a Distributed System with DG Units Through SFCL”, **International Journal of Research in Engineering, Science and Management Volume-3, Issue-1, January-2020** ISSN (Online): 2581-5792

National Journals

14) **J.Uday Bhaskar, G.Ravikumar, S.S.Tulasi Ram** “Current Sample Based Wavelet-Fuzzy Protection Scheme for STATCOM Compensated Three-Terminal Transmission System”, **Technical Journal of The Institution OF Engineers (IEI), PUNE LOCAL CENTRE, PUNE, Vol.40, NOVEMBER 2016**

15) **J.Uday Bhaskar, SK.Abdul Gafoor, J.Amarnath** “Fault Detection and Classification in a Three Terminal Transmission System Using Wavelet

Transforms", National Journal of Technology, Vol.10, No.2, June-2014,
ISSN 0973-1334

International Conferences

- 16) **J.Uday Bhaskar** "Revolutionalizing Driving with Voice Control Cars: Creating an Arduino-Powered RC Car Controlled via Bluetooth and Mobile App" Presented a paper in **1st IEEE International Conference on Multidisciplinary Research in Technology and Management -MRTM 23**, held at New Horizon College of Engineering, Bengaluru , 22nd, 23rd Sepetember-2023
- 17) **J.Uday Bhaskar,SK.Abdul Gafoor,J.Amarnath** "Wavelet- Fuzzy based fault location estimation in a three terminal transmission system", **IEEE,International Conference On Advanced Computing And Communication Systems (ICACCS-2015)**, Jan.05-07, 2015, SRI Eswar College of Engg, Coimbatore.
- 18) **J.Uday Bhaskar,SK.Abdul Gafoor,J.Amarnath** "Wavelet based double-line and double line -to- ground fault discrimination in a three terminal transmission circuit", **Proceedings of The 2nd International Conference On Current Trends In Engineering And Management (ICCTEM-2014)** 17-19, JULY 2014 Vidyavardhaka College Of Engineering, Mysore, Karnataka, India
- 19) **J.Uday Bhaskar, SK.Abdul Gafoor, J.Amarnath** "Wavelet based fault detection and classification in a three terminal transmission system", **ICIEES-13 International Conference Of Intelligent And Efficient Electrical Systems**, PSG College Of Technology, Coimbatore, December 12-14, 2013
AWARDED BEST PAPER

National Conferences:

- 20) **J.Uday Bhaskar, G.Ravikumar, S.S.Tulasi Ram** "Current Sample Based Wavelet-Fuzzy Protection Scheme for STATCOM Compensated Three-Terminal Transmission System", **32ND NATIONAL CONVENTION OF ELECTRICAL ENGINEERS, INSTITUTION OF ENGINEERS (IEI)**, PUNELocal CENTRE, PUNE, NOVEMBER 11-12, 2016
- 21) **J.Uday Bhaskar, G.Ravikumar** "Wavelet ANN approach for fault location estimation in a three terminal transmission system", **NATIONAL CONFERENCE, ON CAD-2015, JNTU COLLEGE Of Engineering, Vizianagaram, March 26- 27,201**
- G. Ravikumar*

22) J.Uday Bhaskar, G.Ravikumar "Wavelet based fault detection, classification in transmission system with series compensated FACTS controllers" NATIONAL CONFERENCE ON CONTEMPORARY CONTROL, CONCON-2014, Andhra University College Of Engineering, AU, Visakhapatnam. November 20-21, 2014.

PERSONAL DETAILS

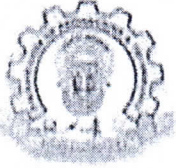
Name : Jayanti Uday Bhaskar
Gender : Male
Father's Name : J.Annaji Rao
Date of Birth : 27/07/1970
Marital status : Married
Languages : Tolugu, Hindi, English,
Nationality : Indian

I hereby declare that the information furnished above is true to the best of my knowledge.

J.Uday Bhaskar

J. Uday Bhaskar

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DEPARTMENT OF CIVIL ENGINEERING

Report on Intellectual Property Rights (IPR)

➤ Session Details:

- **Scheduled Date:** 24-02-2024
- **Duration:** 10 AM - 12 PM
- **Venue:** Seminar Hall, DNR College of Engineering & Technology
- **No. of students attended:** 90

➤ Objective of the Session:

The main objective of intellectual property law is to encourage the creation of a wide variety of intellectual goods. Intellectual property rights refers to the general term for the assignment of property rights through patents, copyrights and trademarks. These property rights allow the holder to exercise a monopoly on the use of the item for a specified period

.Event Highlights:

A seminar on IPR was organized by the Department of civil engineering on Feb 24, 2024 in the Seminar Hall, DNR College of Engineering & Technology .The programme began with the inaugural session by the invitees Dr.Anjan kumar, Principal, DNRCET, Sri G.V.Satyanarayana raju, Secretary and Correspondent, DNRCET and Dr. Satish Kumar Nadimpalli ,SRKR Bhimavaram resource person of the program.

The resource person provides insights on concepts of intellectual property (IPR), process of patenting, patent regulatory bodies at National and International level, popular examples of patents issues.He encouraged the faculty at all levels to develop patentable technologies and he promised that to provide financial assistance to the extent possible for their growth. The knowledge and experience acquired in the programme created awareness on Intellectual Property Rights among the participants.

"ATTESTED"

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◆ Outcome of the Session:

➤ Understanding IPR laws

Students learn about the laws that govern different types of intellectual property

➤ Identifying IPR types

Students learn to distinguish between different types of IPRs and how to apply them to their work

➤ Protecting IPR

Students learn how to protect their intellectual property, including how to obtain patents, copyrights, trademarks, and industrial designs

➤ Recognizing IPR value

Students learn how to recognize the value of IPR as a business tool and how to use it to gain a competitive advantage

➤ Understanding IPR role

Students learn about the role of IPR in the cultural and intellectual life of individuals

➤ Awareness of plagiarism

Students learn how to avoid plagiarism when writing articles, blogs, research papers, and reviews

➤ Understanding IPR restrictions

Students learn how IPR prevents others from copying their ideas

➤ Understanding IPR impact

Students learn how small innovations can impact society

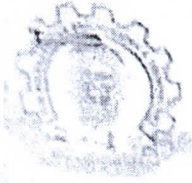
Photographs of the Session:



M. V. Kar
Coordinator

H. Anand Kumar
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[Signature]
Head of the Department
CIVIL ENGINEERING



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Name of the programme : Intellectual Property Rights (IPR)
Venue : Seminar hall
Department: CE

Date: 24/02/2024
Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1.	P. Sureshwar	CIVIL	Sureshwar
2.	S. NANCY	CIVIL	Nancy
3.	M. Vijay	Civil	Vijay
4.	Sweety	civil	Sweety
5.	Smile	CE	Smile
6.	Hemra	CE	Hemra
7.	R. Mahesh Babu	Civil	Mahesh
8.	D. Harishu	ce	Harishu
9.	D. Prasad	civil	Prasad
10.	Madhu babu	Civil	Madhu
11.	Gangadhar	ce	Gangadhar
12.	Shrisha 9	Civil	Shrisha
13.	T. Ashok	civil	Ashok
14.	P. sahasra	CE	Sahasra
15.	r. Anjali	CE	Anjali
16.	P. Jayanti	Civil	Jayanti
17.	P. Pawan Reddy	CE	Reddy
18.	P. Pawan Varma	Civil	Pawan

"ATTESTED"

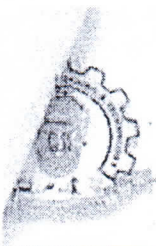
H. Anand Kumar

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M.V. Ka
Coordinator

Head of the Department
Civil Engineering
DNR College of Engg. & Tech



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Accredited by NAAC with A++ Grade

Ph: 08816-221238 Email: dnrctet@gmail.com website: <https://dnrctet.org>

Name of the programme : Intellectual Property Rights (IPR)

Venue : Seminar hall

Department: CE

Date: 24/02/2024

Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1	D. Reshmi	ECE	D. Reshmi
2	A. H. Nagendra	ECE	A. H. Nagendra
3	A.M.NB. prasanth	ECE	A. prasanth
4	Ch. Jeevakaram	ECE	Ch. Jeevakaram
5	D. L. Prathap	ECE	Prathap
6	K. H. Varma	ECE	Varma
7	A. Sayaram	ECE	Sayaram
8	A. Eswari	ECE	Eswari
9	K. Rupa suryakala	ECE	K. R. suryakala
10	G. Sini	ECE	G. Sini
11	K. Sivani	ECE	K. Sivani
12	A. RUPA KALA	ECE	A. R. kala
13	T. Nanyasa Sri	ECE	T. Nanyasa Sri
14	k.k.L. keerthi priya	ECE	k.k.L. keerthi priya.
15	K. Jyothsna	ECE	K. Jyothsna
16	S. Aswitha	ECE	S. Aswitha
17	Y. Suresh Babu	ECE	Y. Suresh Babu
18	K. P. D. Prasad	ECE	k.p.d. prasad

m.v.ka
Coordinator

"ATTESTED"

H. Anandkumar
PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Head of the Department
Civil Engineering
DNR College of Engg. & Tec
BHIMAVARAM-534 202

D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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

Accredited by NAAC with A⁺⁺ Grade

Ph: 08816-221238 Email: dnrcet@gmail.com website: https://dnrcet.org

Name of the programme : Intellectual Property Rights (IPR)

Venue : Seminar hall

Department: CE

Date: 24/02/2024

Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1	A.V. Balja Vardhan	C.E	A.V. Sadasa.
2	H. Seshu Madhavan	C.E	H.S. Madhavan
3	A. Bala Ramya	AIDS	A. Bala Ramya
4	A. Sai prasad	AIDS	A. Sai prasad.
5	B. Surendra	AIDS	B. surendra
6	B. Dinesh Kumar	AIDS	B. Dinesh Kumar.
7	B. S. Suchith Kumar	AIDS	B. Suchith Kumar
8	B. N. S. Prathap	AI & DS	B. N. S. Prathap
9	B. Kumar Raju	AIDS	B. Kumar Raju
10	M. Vishnu	AIDS	M. Vishnu
11	A. Sai Pawan Sai	AIDS	A. Sai Pawan Sai
12	Bh. Hemalatha	AIDS	Bh. Hemalatha
13	B. Sreealakshmi	AIDS	B. sreealakshmi
14	Ch. Sarika	AIDS	Ch. Sarika.
15	B. Leo Babu	AIDS	B. Leo Babu
16	Ch. Lalitha	AIDS	Ch. Lalitha
17	Ch. Pravalika	AI & DS	Ch. Pravalika
18	Ch. Ghanmlika vardhan	AI & DS	Ch. Ghanmlika vardhan

M. V. Ka
Coordinator

"ATTESTED"

H. Anand Kumar
PRINCIPAL
D.N.R. College of Engg. & Tech
DHIMAVARAM-534 202Head of the Department
Civil Engineering
DNR College of Engg. & Tech
DHIMAVARAM-534 202

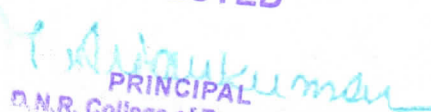
Name of the programme : Intellectual Property Rights (IPR)
 Venue : Seminar hall
 Department: CE

Date: 24/02/2024
 Time : 10AM-12 PM

Attendance sheet

S. No	Student name	Department	Signature of the student
1	V.S.S MANOJ	AI & DS	V.S.S Anuj
2	Ch. Bhanu Prasad	AI & DS	Ch. Bhanu Prasad
3	Ch. Mahara	AI & DS	Ch. Mahara
4	Ch. Kavari Latha	AI & DS	Ch. Kavari Latha
5	K.L. Uyyshnawi	AI & DS	K.L. Uyyshnawi
6	Ch. Bindu Gayathri	AI & DS	Ch. Gayathri
7	Ch. Lathik Nandan	AI & DS	Ch. Lathik Nandan
8	Ch. Vana Gayathri	AI & DS	Ch. Gayathri
9	D.M.S. Lakshmi Dugga	AI & DS	D.M.S.L. Dugga
10	D. Bhagya Sri	AI & DS	D. Bhagya Sri
11	E. Padhu Dharmasastha	AI & DS	E. Padhudharmasastha
12	Ch. Manu Sowmya	AI & DS	Ch. Manu Sowmya
13	Gr. Tejaswini	AI & DS	Gr. Tejaswini
14	G. Suryakumari	AI & DS	G. Surya Kumari
15	M. Mahitha Joshi	AI & DS	M. Mahitha Joshi
16	Gr. Gayathri	AI & DS	Gr. Gayathri
17	Gr. Poornima	AI & DS	Gr. Poornima
18	Gr. Siva Sai Ram	AI & DS	Gr. Siva Sai Ram

m.v.kor
 Coordinator

"ATTESTED"

 PRINCIPAL
 D.N.R. College of Engg. & Tech
 DHIMAVARAM-534 202

Head of the Department
 Civil Engineering
 DNR College of Engg. & Tech

D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

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

Accredited by NAAC with A** Grade

Ph: 08816-221238 Email: direct@gmail.com website: <https://direct.org>

Name of the programme : Intellectual Property Rights (IPR)

Venue : Seminar hall


Department: CE

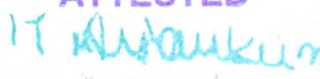
Date: 24/02/2024


Time : 10AM-12 PM

Attendance sheet


S. No	Student name	Department	Signature of the student
1	G. Phani Lavanya	AIDS - A	G. Phani Lavanya
2	K. Lakshman	AIDS - A	K. Lakshman
3	G. Lakshman	AIDS - A	G. Lakshman
4	G. Hasi Rama Teja	AIDS - A	G. Hasi Rama Teja
5	H. Karthikeya	AIDS - A	H. Karthikeya
6	I. Dinash Satya Sri Varma	AIDS - A	I. D. S. S. Varma
7	K. Kalyani	AIDS - A	K. Kalyani
8	K. Sol. Monikanta	AIDS - A	K. Sol. Monikanta
9	K. Pavanaditya	AIDS - A	K. Pavanaditya
10	K. Hitesh	AIDS - A	K. Hitesh
11	K. Naveen Teja	AIDS - A	K. Naveen Teja
12	K. Deepika	AIDS - A	K. Deepika
13	K. Sai Durga Prasad	AIDS - A	K. Sai Durga Prasad
14	G. Sri Niva	AIDS - A	G. Sri Niva
15	K. Chaitanya. Sudheer	AIDS - A	K. Chaitanya. Sudheer
16	T Revathi	AIDS - A	T. Revathi
17	K. Bala Chandra Rao	AIDS - A	K. Bala Chandra Rao
18	K. Srisai	AIDS - A	K. Srisai


Coordinator

"ATTESTED"

PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202


Head of the Department
Civil Engineer
DNR College of Engg. &
BHIMAVARAM-534

Profile

Name	Dr. Satish Kumar Nadimpalli	
Designation	Assistant Professor of English	
Department	Department of English	
Date of Birth	10/06/1987	
Unique ID	1-3365434983	
Education Qualifications	Ph.D., M.A.(Eng.), M.A.(Ling.), PGDELL, PGDTE, UGC-NET (Ling.), AP&TS- SET (Eng.)	
Work Experience (as on Date)		
a) Teaching	8 years and 6 months	
b) Research	4 Years (The English and Foreign Languages University)	
c) Industry	-	
d) others	-	
Area of Specialization	Linguistics and Phonetics, English Language Education	
Courses taught at		
a) Under Graduate	B.Tech.	
b) Post Graduate	M.Tech.	
Research guidance (Number of Students)	-	
a) No. of papers published in National/ International Journals/ Conferences	07	
b) Master (Completed/Ongoing)	-	
c) Ph.D. (Completed/Ongoing)	-	
Projects Carried out	01	
Patents (Filed & Granted)	0	
Technology Transfer	0	
Research Publications (No. of papers published in National/International Journals/Conferences)	05	
No. of Books published with details (Name of book, Publisher with ISBN)	0	

"ATTESTED"

H. N. Anand Kumar
PRINCIPAL

D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

**D.N.R.COLLEGE OF ENGINEERING &
TECHNOLOGY-BHIMAVARAM
DEPARTMENT OF ECE**



**One day Workshop on "IPR"
From 24-02-2024**

❖ **24.02.24**

❖ **Venue: Seminar Hall
DNR CET**

PROGRAMME

- | | | |
|--------------------------------|---|--------------------------|
| * Registration | - | 09-30 A.M. to 10-00 A.M. |
| * Inauguration of the Workshop | - | 10-00 A.M. to 10-45 A.M. |
| * Tea Break | - | 10-45 A.M. to 11-00 A.M. |
| * Session 1 | - | 11-00 A.M. to 01-00 P.M. |
| LUNCH BREAK | | |
| * Session 2 | - | 02-00 P.M. to 02-45 P.M. |
| * Tea Break | - | 02-45 P.M. to 03-00 P.M. |
| * Session 2 | - | 03-00 P.M. to 04-20 P.M. |

AKR
Head of the Department
Head
Department of ECE
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202.



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrct@gmail.com) website: <https://dnrcet.org>

Department of Electronics & Communication Engineering

A Report on "IPR"

Held during 24-02-2024

Conducted by: Department of Electronics and Communication Engineering

A one-day workshop on IPR was organized by Department of **Electronics and Communication Engineering**. The program was inaugurated by Dr. M. Anjan Kumar, Principal, DNR College Of Engineering & Technology. & Dr.A.P.Ramesh, HOD, ECE department along with an inaugural speech highlighting the importance of these topics for the faculty.


The Resource person **A.M.V.PATHI**, Assistant professor at Vishnu Institute of Technology delivered a lecture on IPR. The event was basically designed with the interactive workshops and sessions covering various aspects of intellectual property, including patents, trademarks, copyrights, and trade secrets. Mr. K.SHEKHAR BABU, *Asst. Prof* DEPARTMENT OF ECE, DNR CET acts as a Coordinator to the event.




Coordinator


Convener

" ATTESTED "



PRINCIPAL

D.N.R.College of Engg. & Tech
BHIMAVARAM-534 202

INAUGURATION

CHIEF PATRON

Sri. G V NARASIMHA RAJU
Hon. President, DNR Association.

Sri. G SATYANARAYANA RAJU
Hon. Secretary & Correspondent, DNR Association.

PATRONS

Dr. M.ANJAN KUMAR
Principal, DNR CET.

CHIEF ADVISOR

Dr. N.VENKATA RAO
Dean Academics, DNR CET.

CONVENER

Sri. Dr.A.P.RAMESH
Head & Prof.
DEPARTMENT OF ECE

WORKSHOP COORDINATORS

Mr. K.SHEKHAR BABU
Asst. Prof.
DEPARTMENT OF ECE

ORGANIZING COMMITTEE

1. Mr. K.Satish kumar
2. Mrs.K.Indira Priyadarsini
3. Mr.K.Venu Gopal.
4. Mr.Gopala Swamy
5. Mr. M.Venu.
6. Mr. Rakesh Patnaik
7. Mrs. B.Nagamani
8. Mrs. N.Mary Leena
9. Mrs. K. Vanaja
10. Mrs.B. Vaisalini
11. B.Rosey Sharon

VENUE & TIME:
SEMINAR HALL,
DNR College of Engineering & Technology.
TIME : 9:30 AM Onwards

A ONE DAY WEBINAR ON "IPR"

24-02-2024

Organized By

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**



**DNR COLLEGE OF ENGINEERING &
TECHNOLOGY (A)**

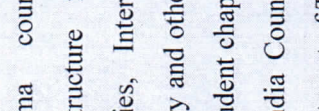
BALUSUMUDI, BHIMAVARAM-534202,

W. G. Dist., Andhra Pradesh.

" ATTESTED "

H. Advankumar
PRINCIPAL

DNR College of Engg. & Tech.
BHIMAVARAM-534 202

ABOUT THE INSTITUTION	SEMINAR THEME	TOPICS FOR DISCUSSION INCLUDE
<p>The DNR College of Engineering and Technology (DNR CET) was established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories.</p> <p>Institute offers five branches of Engineering and Technology at the undergraduate level and two post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. The Institute also had the student chapters ISTE. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE).</p>	<p>The event comprised interactive workshops and sessions covering various aspects of intellectual property, including patents, trademarks, copyrights, and trade secrets.</p> <p>Experts provided insights into the process of obtaining and safeguarding intellectual property rights. Real-world case studies and success stories were shared to illustrate the practical applications and benefits of intellectual property protection.</p> <p>These examples aimed to inspire students and faculty to engage in innovative and creative endeavours while understanding the importance of protecting their intellectual creations.</p> <p>The event facilitated networking opportunities between students, faculty, and Intellectual Property Office representatives.</p> <p>This interaction allowed for a better understanding of the challenges faced by creators and the available avenues for intellectual property protection. Participants were provided with</p>	<ul style="list-style-type: none"> ➤ Self-awareness. If you're self-aware, always know how you feel, and you know how your emotions and your actions affect the people around you. ... ➤ Engage in innovative and creative endeavours ➤ Process of obtaining and safeguarding intellectual property rights ➤ Empathy. ... <p>Resource Person</p> <p>A.M.V.PATHI</p> <p>Assistant professor</p> <p>Vishnu Institute of Technology</p> <p>Bhimavaram.</p>
<p>ABOUT THE DEPARTMENT</p> <p>The Department of Electronics and Communication Engineering (ECE) offers both undergraduate (B. Tech.) and post graduate (M. Tech) programs. All staff members</p>	<p>"ATTESTED"</p>  <p>PRINCIPAL</p> <p>D.N.R.College of Engg. & Tech.</p> <p>BHIMAVARAM-534 202</p>	

of ECE are highly qualified. ECE students enjoy the benefits, which includes more relaxed and personal atmosphere with specialized attention and guidance from the staff members.

resource materials, including brochures, pamphlets, and reference materials, to further enhance their understanding of intellectual property concepts and procedures.

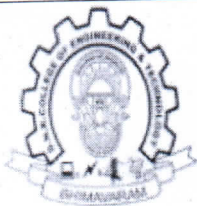
" ATTESTED "

H. Arunkumar

PRINCIPAL

M.R.College of Engg. & Tech.

SUBBAYAPURAM-534 202



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: [dnrcet@gmail.com](mailto:dnrctet@gmail.com) website: <https://dnrcet.org>

Department of Electronics & Communication Engineering

REPORT ABOUT THE PROGRAMME

Dt: 24/02/2024

Title of the programme: One day workshop on “IPR”.

Inaguration Date & Venue: 24/02/2024 & DNR CET Seminar Hall.

Organized by : Department of Electronics & Communication Engineering, DNR CET.

Resource Person: A.M.V.PATHI

Assistant Professor, Vishnu Institute of Technology.

Chief Guest: Sri G. Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association.

Inauguration: Dr. M. Anjan Kumar

Principal, DNR College Of Engineering & Technology.

Number of Faculty attended: 42

CONCEPT:

The event comprised interactive workshops and sessions covering various aspects of intellectual property, including patents, trademarks, copyrights, and trade secrets. Experts provided insights into the process of obtaining and safeguarding intellectual property rights. Real-world case studies and success stories were shared to illustrate the practical applications and benefits of intellectual property protection. These examples aimed to inspire students and faculty to engage in innovative and creative endeavours while understanding the importance of protecting their intellectual creations. The event facilitated networking opportunities between students, faculty, and Intellectual Property Office representatives. This interaction allowed for a better understanding of the challenges faced by creators and the available avenues for intellectual property protection. Participants were provided with resource materials, including brochures, pamphlets, and reference materials, to further enhance their understanding of intellectual property concepts and procedures.

" ATTESTED "

M. Anjan Kumar

PRINCIPAL

D.N.R.College of Engg. & Tech
BHIMAVARAM-534 202



D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi Bhimavaram – 2

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(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dnrct@gmail.com website: <https://dnrct.org>

Department of Electronics & Communication Engineering

S.no	NAME OF THE FACULTY	DEPARTM ENT	24/02/2023	
			FN	AN
1.	B. Vamsidhar	MBA	S.V.M.	B.V.
2.	G. mothe	BSE H	neche	neche
3.	K.S. Satish Kumar	ECE	Satish	Satish
4.	Dr. A. Padmanabhan	BSE-H	APda	APda
5.	G. Sree babu	BSE-H	Suribabu	Suribabu
6.	Dr. P.V.V. Satyanarayana	BSE-H	Satyanarayana	Satyanarayana
7.	M. Pandu Ranga Rao	MECH	P.R.Rao	P.R.Rao
8.	K. Chandramouli Raju	MBA	chand	chand
9.	K. Venkanna Naidu	ECE	k.v.	K.V
10.	N. Maryleena	ECE	Nm	Nm
11.	K.S.R. Prasad	CSE	Prasad	Prasad
12.	P. Navrasimha Raju	BSE-H	P.N.Raju	P.N.Raju
13.	B. Nandhan Kumar	CSE	B.N.K	B.N.K
14.	L. Bujjibabu	CSE	L.Bujji	L. Bujji
15.	P. Naga Raju	EEE	PN Raju	PN Raju
16.	N.S.V.L. Sowjanya	ECE	S	S
17.	Dr. B.V.S. Varma	CSE	B.V.	B.V.
18.	B. Sri Devi	ECE	B.S	B.S
19.	G.V.S. Srinivas	CSE	G.V.S	G.V.S
20.	P. Jaya Lakshmi	CSE	P.J	P.J
21.	K.V. Chandran	CSE	chand	chand
22.	M. Venkata Krishna	CIV	M.V.K	M.V.K
23.	T. Prasanth	CIV	Prasanth	Prasanth
24.	Ch. Renuka Devi	ECE	Renuka	Renuka
25.	Dr. A Ramamurthy	CSE	Ramamurthy	Ramamurthy
26.	K. Raja Rajeswari	CSE	K.R	K.R
27.	K. Sekhar Babu	ECE	K. Sekhar	K. Sekhar
28.	V. Bhavani durga	ECE	V.Bd	V.Bd.
29.	Dr. N. Venkata Rao.	ECE	N.V.R	N.V.R

30.	E. Yohosua	CSE	Yelao	Yelao
31.	K. Siva Syamala	CSE	Syamala	Syamala
32.	K. S. H. Prasadakumar	CSE	K. S. H. P. K.	K. S. H. P. K.
33.	Dr. P. Samba Siva Rao	CSE	Samba	Samba
34.	K. Jayadeesh	MBA	K.	K.
35.	Dr. K. B. V. B. S. R. Subramanyam	MBA	K. B. V. B.	K. B. V. B.
36.	Dr. A. Purma Ramesh	ECE	AP. Paul	AP. Paul
37.	Dr. G. Satyanarayana	CSE	Satyanarayana	Satyanarayana
38.	Dr. Praveen Prasanth	CSE	Praveen	Praveen
39.	N. Bharathi	CSE	N. Bharathi	N. Bharathi
40.	K. S. V. N. Satyanarayana	MBA	K. S. V. N.	K. S. V. N.
41.	V. R. E. S. S. Kumar	MBA	V. R. Kumar	V. R. Kumar
42.	K. P. Priyadarshini	ECE	P.	P.

M. Sri Kumar

PRINCIPAL
PRINCIPAL

J.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202

A.M.V.PATHI
Assistant Professor
Vishnu Institute of Technology
Vishnupur
Bhimavaram-534202
West Godavari District, A.P

Mobile: 8985102162
Email: pathi421@gmail.com

Career objective:

To pursue an intellectually, professionally and administrative challenging work Environment where I can enhance my technical skills in an esteemed organization.

Educational Qualifications:

S.No	Qualification	Specialization	Institution	University/ Board	Year of pass	% of Marks	Division
1.	M.Tech	VLSI System Design	Swarnandhra college of Engineering and Technology, Nar sapur	JNTU Kakinada	2009- 2011	73.8	Distinction
2.	B.Tech	ECE	Swarnandhra college of Engineering and Technology, Nar sapur	JNTU Kakinada	2005- 2009	65.89	First class
3.	Intermediate	MPC	Aditya junior college, Palkol	Board of Intermediate Education	2003- 2005	86.3	Distinction
4.	SSC	---	Z.P.High School, K.P.Palem	Board of Secondary Education	2002- 2003	81.17	Distinction

Professional Experience:

S.No	Position Held	Name of the Employer	From	To	Experience
1.	Assistant Professor	Vishnu Institute of Technology, Bhimavaram	04-05-2013	Till date	12 Years
2.	Assistant Professor	Swarnandhra college of Engineering and Technology, Narsapur	01-01-2012	30-04-2013	1 year

Workshops Attended:

"ATTESTED"
H. Subramanian
PRINCIPAL
D.N.R.College of Engg. & Tech
BHIMAVARAM-534202

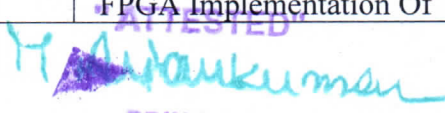
Work shop	Venue	Date
Latest trends in Embedded Systems	SCET	Feb-2010
Mentor Graphics	SVECW	April-2010
Advanced Embedded Systems & Robotics	SCET	June-2012
DIP & DSP	BVRIT	June-2013
PTSP & SS	BVRIT	June-2013
Assistive Technology Solutions in Minutes	SVECW	August-2013
Analog Electronics	VIT	June-2013
Signal and Systems	ISTE (VIT)	Jan-2014
FPGA Architecture and Design Flow	VIT	March-2014
TEQIP-II	SVECW	October-2015
Scientific educational practices	VEDIC(VIT)	July-2016
TEQIP-II	SVECW	July-2016
Real time applications of communication theory	BVRIT	July-2017
Cellular mobile communications	VEDIC(VIT)	July-2017
Inspire-Impact--Introspect	VEDIC(VIT)	August-2017
Programming Xilinx Zynq SoCs with MATLAB & Simulink & Software Defined Radio Zynq Using Simulink	VIT	February-2019
Emerging Trends In Technology Using Internet Of Things (IOT)	SCET	March-2019
Faculty Hands- on workshop on IOT	IEEE Computer Society at VEDIC, Bangalore.	December-2019

List of International Conferences Presented:

Conference	Paper	Date
ICNEAC	Braun multiplier Design and Time Delay Modelling in HDL Description	July-2011

List of International Journals Presented:

Journal	Paper	Date
IJETT	Early estimation of delay in Braun Multiplier	July-2013
IJECCE	FPGA Implementation Of	August-2013


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	Content Addressable Memory	
IJARCCCE	A Novel Approach for Fir Filter Design Using Dual-Port Memory Based Multiplier	November-2013
IJERT	A New Architecture Designed for Implementing Area Efficient Carry-Select Adder	March 2016
IJRITCC	Self Testing Techniques for Crypto Devices in HDL Description	July 2017
ICICCT	Power And Area Estimation Of Carry Select Adder	January 2019

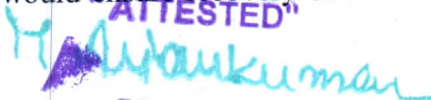
INTELLECTUAL PROPERTY RIGHTS

Abstract

Intellectual property rights (IPR) have been defined as ideas, inventions, and creative expressions based on which there is a public willingness to bestow the status of property. IPR provide certain exclusive rights to the inventors or creators of that property, in order to enable them to reap commercial benefits from their creative efforts or reputation. There are several types of intellectual property protection like patent, copyright, trademark, etc. Patent is a recognition for an invention, which satisfies the criteria of global novelty, non-obviousness, and industrial application. IPR is prerequisite for better identification, planning, commercialization, rendering, and thereby protection of invention or creativity. Each industry should evolve its own IPR policies, management style, strategies, and so on depending on its area of specialty. Pharmaceutical industry currently has an evolving IPR strategy requiring a better focus and approach in the coming era.

INTRODUCTION

Intellectual property (IP) pertains to any original creation of the human intellect such as artistic, literary, technical, or scientific creation. Intellectual property rights (IPR) refers to the legal rights given to the inventor or creator to protect his invention or creation for a certain period of time. These legal rights confer an exclusive right to the inventor/creator or his assignee to fully utilize his invention/creation for a given period of time. It is very well settled that IP play a vital role in the modern economy. It has also been conclusively established that the intellectual labor associated with the innovation should be given due importance so that public good emanates from it. There has been a quantum jump in research and development (R&D) costs with an associated jump in investments required for putting a new technology in the market place. The stakes of the developers of technology have become very high, and hence, the need to protect the knowledge from unlawful use has become expedient, at least for a period, that would ensure recovery of the R&D and other associated costs and

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adequate profits for continuous investments in R&D. IPR is a strong tool, to protect investments, time, money, effort invested by the inventor/creator of an IP, since it grants the inventor/creator an exclusive right for a certain period of time for use of his invention/creation. Thus IPR, in this way aids the economic development of a country by promoting healthy competition and encouraging industrial development and economic growth. Present review furnishes a brief overview of IPR with special emphasis on pharmaceuticals.

BRIEF HISTORY

The laws and administrative procedures relating to IPR have their roots in Europe. The trend of granting patents started in the fourteenth century. In comparison to other European countries, in some matters England was technologically advanced and used to attract artisans from elsewhere, on special terms. The first known copyrights appeared in Italy. Venice can be considered the cradle of IP system as most legal thinking in this area was done here; laws and systems were made here for the first time in the world, and other countries followed in due course. Patent act in India is more than 150 years old. The inaugural one is the 1856 Act, which is based on the British patent system and it has provided the patent term of 14 years followed by numerous acts and amendments.

Types of Intellectual Properties and their Description

Originally, only patent, trademarks, and industrial designs were protected as 'Industrial Property', but now the term 'Intellectual Property' has a much wider meaning. IPR enhances technology advancement in the following ways:

It provides a mechanism of handling infringement, piracy, and unauthorized use

it provides a pool of information to the general public since all forms of IP are published except in case of trade secrets.

IP protection can be sought for a variety of intellectual efforts including Patents

Industrial designs relates to features of any shape, configuration, surface pattern, composition of lines and colors applied to an article whether 2-D, e.g., textile, or 3-D, e.g., toothbrush

Trademarks relate to any mark, name, or logo under which trade is conducted for any product or service and by which the manufacturer or the service provider is identified. Trademarks can be bought, sold, and licensed. Trademark has no existence apart from the goodwill of the product or service it symbolizes.

Copyright relates to expression of ideas in material form and includes literary, musical, dramatic, artistic, cinematography work, audio tapes, and computer software

Geographical indications are indications, which identify as good as originating in the territory of a country or a region or locality in that territory where a given quality, reputation, or other characteristic of the goods is essentially attributable to its geographical origin.

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A patent is awarded for an invention, which satisfies the criteria of global novelty, non-obviousness, and industrial or commercial application. Patents can be granted for products and processes. As per the Indian Patent Act 1970, the term of a patent was 14 years from the date of filing except for processes for preparing drugs and food items for which the term was 7 years from the date of the filing or 5 years from the date of the patent, whichever is earlier. No product patents were granted for drugs and food items. A copyright generated in a member country of the Berne Convention is automatically protected in all the member countries, without any need for registration. India is a signatory to the Berne Convention and has a very good copyright legislation comparable to that of any country. However, the copyright will not be automatically available in countries that are not the members of the Berne Convention. Therefore, copyright may not be considered a territorial right in the strict sense. Like any other property IPR can be transferred, sold, or gifted.

Role of Undisclosed Information in Intellectual Property

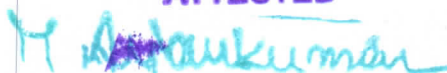
Protection of undisclosed information is least known to players of IPR and also least talked about, although it is perhaps the most important form of protection for industries, R&D institutions and other agencies dealing with IPR. Undisclosed information, generally known as trade secret or confidential information, includes formula, pattern, compilation, programme, device, method, technique, or process. Protection of undisclosed information or trade secret is not really new to humanity; at every stage of development people have evolved methods to keep important information secret, commonly by restricting the knowledge to their family members. Laws relating to all forms of IPR are at different stages of implementation in India, but there is no separate and exclusive law for protecting undisclosed information/trade secret or confidential information.

Pressures of globalisation or internationalisation were not intense during 1950s to 1980s, and many countries, including India, were able to manage without practising a strong system of IPR. Globalization driven by chemical, pharmaceutical, electronic, and IT industries has resulted into large investment in R&D. This process is characterized by shortening of product cycle, time and high risk of reverse engineering by competitors. Industries came to realize that trade secrets were not adequate to guard a technology. It was difficult to reap the benefits of innovations unless uniform laws and rules of patents, trademarks, copyright, etc. existed. That is how IPR became an important constituent of the World Trade Organization (WTO).

Rationale of Patent

Patent is recognition to the form of IP manifested in invention. Patents are granted for patentable inventions, which satisfy the requirements of novelty and utility under the stringent examination and opposition procedures prescribed in the Indian Patents Act, 1970, but there is not even a prima-facie presumption as to the validity of the patent granted. Most countries have established national regimes to provide protection to the IPR within its jurisdiction. Except in the case of copyrights, the protection granted to the inventor/creator in a country (such as India) or a region (such as European Union) is restricted to that territory where protection is sought and is not valid in other countries or regions.[1] For example, a patent granted in India is valid only for India

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and not in the USA. The basic reason for patenting an invention is to make money through exclusivity, i.e., the inventor or his assignee would have a monopoly if,

the inventor has made an important invention after taking into account the modifications that the customer, and

if the patent agent has described and claimed the invention correctly in the patent specification drafted, then the resultant patent would give the patent owner an exclusive market.

The patentee can exercise his exclusivity either by marketing the patented invention himself or by licensing it to a third party.

The following would not qualify as patents:

An invention, which is frivolous or which claims anything obvious or contrary to the well established natural law. An invention, the primary or intended use of which would be contrary to law or morality or injurious to public health

A discovery, scientific theory, or mathematical method

A mere discovery of any new property or new use for a known substance or of the mere use of a known process, machine, or apparatus unless such known process results in a new product or employs at least one new reactant

A substance obtained by a mere admixture resulting only in the aggregation of the properties of the components thereof or a process for producing such substance

A mere arrangement or re-arrangement or duplication of a known device each functioning independently of one another in its own way

A method of agriculture or horticulture

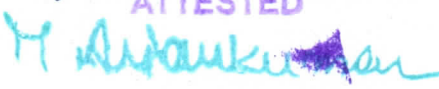
Any process for the medicinal, surgical, curative, prophylactic diagnostic, therapeutic or other treatment of human beings or any process for a similar treatment of animals to render them free of disease or to increase their economic value or that of their products

An invention relating to atomic energy.

An invention, which in effect, is traditional knowledge.

Rationale of License

A license is a contract by which the licensor authorizes the licensee to perform certain activities, which would otherwise have been unlawful. For example, in a patent license, the patentee (licensor) authorizes the licensee to exercise defined rights over the patent. The effect is to give to the licensee a right to do what he/she would otherwise be prohibited from doing, i.e., a license makes lawful what otherwise would be unlawful. The licensor may also license 'know-how' pertaining to the execution of

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the licensed patent right such as information, process, or device occurring or utilized in a business activity can also be included along with the patent right in a license agreement. Some examples of know-how are:

technical information such as formulae, techniques, and operating procedures and

commercial information such as customer lists and sales data, marketing, professional and management procedures.

Indeed, any technical, trade, commercial, or other information, may be capable of being the subject of protection.

Benefits to the licensor:

Opens new markets

Creates new areas for revenue generation

Helps overcome the challenge of establishing the technology in different markets especially in foreign countries – lower costs and risk and savings on distribution and marketing expenses

Benefits to the licensee are:

Savings on R&D and elimination of risks associated with R&D

Quick exploitation of market requirements before the market interest wanes

Ensures that products are the latest

The Role of Patent Cooperation Treaty

The patent cooperation treaty (PCT) is a multilateral treaty entered into force in 1978. Through PCT, an inventor of a member country contracting state of PCT can simultaneously obtain priority for his/her invention in all or any of the member countries, without having to file a separate application in the countries of interest, by designating them in the PCT application. All activities related to PCT are coordinated by the world intellectual property organization (WIPO) situated in Geneva.[14]

In order to protect invention in other countries, it is required to file an independent patent application in each country of interest; in some cases, within a stipulated time to obtain priority in these countries. This would entail a large investment, within a short time, to meet costs towards filing fees, translation, attorney charges, etc. In addition, it is assumed that due to the short time available for making the decision on whether to file a patent application in a country or not, may not be well founded.[15]

Inventors of contracting states of PCT on the other hand can simultaneously obtain priority for their inventions without having to file separate application in the countries of interest; thus, saving the initial investments towards filing fees, translation, etc. In

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addition, the system provides much longer time for filing patent application in the member countries.[15,16]

The time available under Paris convention for securing priority in other countries is 12 months from the date of initial filing. Under the PCT, the time available could be as much as minimum 20 and maximum 31 months. Further, an inventor is also benefited by the search report prepared under the PCT system to be sure that the claimed invention is novel. The inventor could also opt for preliminary examination before filing in other countries to be doubly sure about the patentability of the invention.[16]

Management of Intellectual Property in Pharmaceutical Industries

More than any other technological area, drugs and pharmaceuticals match the description of globalization and need to have a strong IP system most closely. Knowing that the cost of introducing a new drug into the market may cost a company anywhere between \$ 300 million to \$1000 million along with all the associated risks at the developmental stage, no company will like to risk its IP becoming a public property without adequate returns. Creating, obtaining, protecting, and managing IP must become a corporate activity in the same manner as the raising of resources and funds. The knowledge revolution, which we are sure to witness, will demand a special pedestal for IP and treatment in the overall decision-making process.[17]

Competition in the global pharmaceutical industry is driven by scientific knowledge rather than manufacturing know-how and a company's success will be largely dependent on its R&D efforts. Therefore, investments in R&D in the drug industry are very high as a percentage of total sales; reports suggest that it could be as much as 15% of the sale. One of the key issues in this industry is the management of innovative risks while one strives to gain a competitive advantage over rival organizations. There is high cost attached to the risk of failure in pharmaceutical R&D with the development of potential medicines that are unable to meet the stringent safety standards, being terminated, sometimes after many years of investment. For those medicines that do clear development hurdles, it takes about 8-10 years from the date when the compound was first synthesized. As product patents emerge as the main tools for protecting IP, the drug companies will have to shift their focus of R&D from development of new processes for producing known drugs towards development of a new drug molecule and new chemical entity (NCE). During the 1980s, after a period of successfully treating many diseases of short-term duration, the R&D focus shifted to long duration (chronic) diseases. While looking for the global market, one has to ensure that requirements different regulatory authorities must be satisfied.[18]

It is understood that the documents to be submitted to regulatory authorities have almost tripled in the last ten years. In addition, regulatory authorities now take much longer to approve a new drug. Consequently, the period of patent protection is reduced, resulting in the need of putting in extra efforts to earn enough profits. The situation may be more severe in the case of drugs developed through the biotechnology route especially those involving utilization of genes. It is likely that the industrialized world would soon start canvassing for longer protection for drugs. It is also possible that many governments would exercise more and more price control to meet public goals. This would on one hand emphasize the need for reduced cost of

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drug development, production, and marketing, and on the other hand, necessitate planning for lower profit margins so as to recover costs over a longer period. It is thus obvious that the drug industry has to wade through many conflicting requirements. Many different strategies have been evolved during the last 10 to 15 years for cost containment and trade advantage. Some of these are out sourcing of R&D activity, forming R&D partnerships and establishing strategic alliances.[19]

Nature of Pharmaceutical Industry

The race to unlock the secrets of human genome has produced an explosion of scientific knowledge and spurred the development of new technologies that are altering the economics of drug development. Biopharmaceuticals are likely to enjoy a special place and the ultimate goal will be to have personalized medicines, as everyone will have their own genome mapped and stored in a chip. Doctors will look at the information in the chip(s) and prescribe accordingly. The important IP issue associated would be the protection of such databases of personal information. Biotechnologically developed drugs will find more and more entry into the market. The protection procedure for such drug will be a little different from those conventional drugs, which are not biotechnologically developed. Microbial strains used for developing a drug or vaccine needs to be specified in the patent document. If the strain is already known and reported in the literature usually consulted by scientists, then the situation is simple. However, many new strains are discovered and developed continuously and these are deposited with International depository authorities under the Budapest Treaty. While doing a novelty search, the databases of these depositories should also be consulted. Companies do not usually go for publishing their work, but it is good to make it a practice not to disclose the invention through publications or seminars until a patent application has been filed.[20]

While dealing with microbiological inventions, it is essential to deposit the strain in one of the recognized depositories who would give a registration number to the strain which should be quoted in the patent specification. This obviates the need of describing a life form on paper. Depositing a strain also costs money, but this is not much if one is not dealing with, for example cell lines. Further, for inventions involving genes, gene expression, DNA, and RNA, the sequences also have to be described in the patent specification as has been seen in the past. The alliances could be for many different objectives such as for sharing R&D expertise and facilities, utilizing marketing networks and sharing production facilities. While entering into an R&D alliance, it is always advisable to enter into a formal agreement covering issues like ownership of IP in different countries, sharing of costs of obtaining and maintaining IP and revenue accruing from it, methods of keeping trade secrets, accounting for IP of each company before the alliance and IP created during the project but not addressed in the plan, dispute settlements. It must be remembered that an alliance would be favorable if the IP portfolio is stronger than that of concerned partner. There could be many other elements of this agreement. Many drug companies will soon use the services of academic institutions, private R&D agencies, R&D institutions under government in India and abroad by way of contract research. All the above aspects mentioned above will be useful. Special attention will have to be paid towards maintaining confidentiality of research.[1-18]

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The current state of the pharmaceutical industry indicates that IPR are being unjustifiably strengthened and abused at the expense of competition and consumer welfare. The lack of risk and innovation on the part of the drug industry underscores the inequity that is occurring at the expense of public good. It is an unfairness that cannot be cured by legislative reform alone. While congressional efforts to close loopholes in current statutes, along with new legislation to curtail additionally unfavorable business practices of the pharmaceutical industry, may provide some mitigation, antitrust law must appropriately step in.[21] While antitrust laws have appropriately scrutinized certain business practices employed by the pharmaceutical industry, such as mergers and acquisitions and agreements not to compete, there are several other practices that need to be addressed. The grant of patents on minor elements of an old drug, reformulations of old drugs to secure new patents, and the use of advertising and brand name development to increase the barriers for generic market entrants are all areas in which antitrust law can help stabilize the balance between rewarding innovation and preserving competition.[20]

Traditional medicine dealing with natural botanical products is an important part of human health care in many developing countries and also in developed countries, increasing their commercial value. The world market for such medicines has reached US \$ 60 billion, with annual growth rates of between 5% and 15%. Although purely traditional knowledge based medicines do not qualify for patent, people often claim so. Researchers or companies may also claim IPR over biological resources and/or traditional knowledge, after slightly modifying them. The fast growth of patent applications related to herbal medicine shows this trend clearly. The patent applications in the field of natural products, traditional herbal medicine and herbal medicinal products are dealt with own IPR policies of each country as food, pharmaceutical and cosmetics purview, whichever appropriate. Medicinal plants and related plant products are important targets of patent claims since they have become of great interest to the global organized herbal drug and cosmetic industries.[22]

Some Special Aspects of Drug Patent Specification

Writing patent specification is a highly professional skill, which is acquired over a period of time and needs a good combination of scientific, technological, and legal knowledge. Claims in any patent specification constitute the soul of the patent over which legal proprietary is sought. Discovery of a new property in a known material is not patentable. If one can put the property to a practical use one has made an invention which may be patentable. A discovery that a known substance is able to withstand mechanical shock would not be patentable but a railway sleeper made from the material could well be patented. A substance may not be new but has been found to have a new property. It may be possible to patent it in combination with some other known substances if in combination they exhibit some new result. The reason is that no one has earlier used that combination for producing an insecticide or fertilizer or drug. It is quite possible that an inventor has created a new molecule but its precise structure is not known. In such a case, description of the substance along with its properties and the method of producing the same will play an important role.[23]

Combination of known substances into useful products may be a subject matter of a patent if the substances have some working relationship when combined together. In this case, no chemical reaction takes place. It confers only a limited protection. Any

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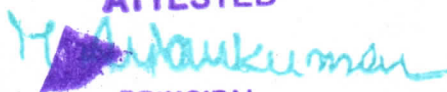
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use by others of individual parts of the combination is beyond the scope of the patent. For example, a patent on aqua regia will not prohibit any one from mixing the two acids in different proportions and obtaining new patents. Methods of treatment for humans and animals are not patentable in most of the countries (one exception is USA) as they are not considered capable of industrial application. In case of new pharmaceutical use of a known substance, one should be careful in writing claims as the claim should not give an impression of a method of treatment. Most of the applications relate to drugs and pharmaceuticals including herbal drugs. A limited number of applications relate to engineering, electronics, and chemicals. About 62% of the applications are related to drugs and pharmaceuticals.[1-24]

CONCLUSIONS

It is obvious that management of IP and IPR is a multidimensional task and calls for many different actions and strategies which need to be aligned with national laws and international treaties and practices. It is no longer driven purely by a national perspective. IP and its associated rights are seriously influenced by the market needs, market response, cost involved in translating IP into commercial venture and so on. In other words, trade and commerce considerations are important in the management of IPR. Different forms of IPR demand different treatment, handling, planning, and strategies and engagement of persons with different domain knowledge such as science, engineering, medicines, law, finance, marketing, and economics. Each industry should evolve its own IP policies, management style, strategies, etc. depending on its area of specialty. Pharmaceutical industry currently has an evolving IP strategy. Since there exists the increased possibility that some IPR are invalid, antitrust law, therefore, needs to step in to ensure that invalid rights are not being unlawfully asserted to establish and maintain illegitimate, albeit limited, monopolies within the pharmaceutical industry. Still many things remain to be resolved in this context.

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A handwritten signature in blue ink, appearing to read 'H. Shankaran', is written over a purple ink stamp.

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**D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Date: 26/03/2024

CIRCULAR

This is informing to all the faculty and students members that Department of **ELECTRICAL & ELECTRONICS ENGINEERING** is going to conduct One Day Seminar On “**Industrial Design Law And Issues**” it is going to conduct from 28/03/2024. This will be a good knowledge sharing platform for students. All the students are advised to attend the program without fail.

[Handwritten Signature]
Principal

Copy to:

- 1) Secretary, & Correspondent
- 2) Principal's office
- 3) HOD(EE),
- 4) Circular file.

ABOUT THE INSTITUTION

The DNR College of Engineering and Technology (DNR CET) were established in the year 2010 at DNR College campus, Balusumudi, Bhimavaram. College imparts high standards of education and having excellent infrastructure and state of art laboratories. Institute offers seven branches of Engineering at the undergraduate level and four post graduate level M. Tech. courses. Institution also offers Diploma courses. The institution has excellent infrastructure facilities including modern laboratory facilities, Internet facilities, Central Library, Digital Library and other general amenities. All the courses are approved by All India Council of Technical Education (AICTE) and Department of Technical Education (DTE) and accredited With NBA & (A++) Grade by NAAC.

ABOUT THE DEPARTMENT

ELECTRICAL & ELECTRONICS ENGG.(EEE) Department

The Department of Electrical & Electronics Engineering (EEE) was established in the year 2010 with an intake of 60 for B.Tech (UG) program and 60 for DEEE. The department possesses one Doctoral faculty from reputed university. All faculty members of EEE are highly qualified. EEE students enjoy the benefits which includes well equipped lab facilities more relaxed and personal atmosphere with good internet facility, specialized attention and guidance from faculty members. Many EEE students are placed in reputed companies like VOLTECH, CPF, EFFOTRONICS and many software companies like HCL, TECH MAHINDRA, and TCS etc....

PROGRAMME OBJECTIVE

To create awareness to the students and faculty on the importance of One Day Seminar On Industrial Design Law And Issues in Electrical Engineering Applications, opportunities and challenges.

ABOUT WORKSHOP

- Industrial design law protects the aesthetic features of a product such as its shape, color or texture. Here are some key aspects of industrial design law

WORKSHOP COVERAGE

- Protection
- Registration
- Enforcement

ORGANIZING COMMITTEE

Patron:

Sri G. V. NARASIMHA RAJU
Hon.. President,
DNR College Association

Vice Patron:

Sri G.SATYANARAYANA RAJU
Hon. Secretary & Correspondent
DNR College Association

Chairman:

Dr. M.ANJAN KUMAR
Principal, DNR CET

Advisory Committee:

Dr.B.V.S.Varma,
Professor (CSE) & Vice Principal
Dr.N.Venkata Rao,

Professor (ECE) & Dean Academics

Dr.A.Ramamurthy,
Professor (CSE) & Dean Administration
Dr.K.B.V.S.R.Subrahmanyam,
Professor (EEE) & Dean Exams

Conveners:

Dr. KBVSR SUBRAHMANYAM,
H.O.D, EEE & Dean, Exams

Coordinators

Mr.D.Joseph Kumar, EEE Dept.
Mr.M.Srinu, EEE Dept.

Organizing Committee

All the Staff members of Department of EEE.

Participants

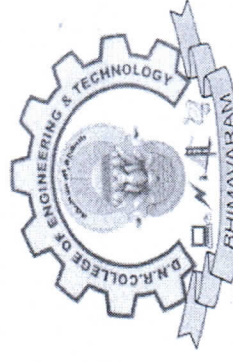
All the B.Tech students of EEE

Resource Person

S.PRADEEP KUMAR

ASSISTANT ENGINEERING

UNDI SUBSTATION



Y. Anjukumar

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UNDI SUBSTATION

**“ONE DAY SEMINAR ON
INDUSTRIAL DESIGN LAW
AND ISSUES”**

28th MARCH 2024

(A.Y 2023-2024)

(Venue: Seminar Hall)

Organized By

Department of

ELECTRICAL & ELECTRONICS

ENGG. (EEE)

**DNR College of Engineering &
Technology**

**(Accredited with NBA & A++ Grade
by NAAC)**

(Affiliated to JNTUK-KAKINADA)

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Balusumudi, Bhimavaram – 2

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

(Accredited with A⁺⁺ Grade by NAAC)

Ph: 08816-221238 Email: dncet@gmail.com website: <https://dncet.org>

DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING REPORT ABOUT THE PROGRAMME

Title of the Program: ONE DAY SEMINAR ON INDUSTRIAL DESIGN LAW AND ISSUES

Inauguration Date & Venue: 28TH MARCH 2024 & DNR CET Seminar Hall

Organized By: Department of Electrical and Electronics Engineering

Resource person: **S.PRADEEP KUMAR**

Assistant Engineer

Undi Substation

Chief Guest: Sri G. Satyanarayana Raju (Babu)

Secretary & Correspondent, DNR College Association

Inauguration: **Dr. M. Anjan Kumar**

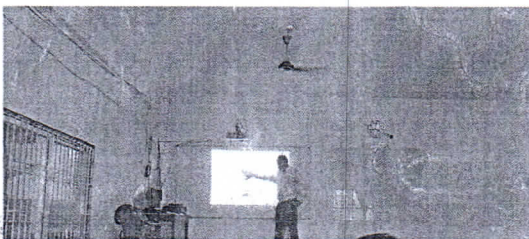
Principal, D.N.R College of Engineering & Technology

Number of Faculty Attended: 35

Concept:

Industrial design law protects the aesthetic features of a product, such as its shape, color, or texture. Here are some key aspects of industrial design law

- **Protection**
- **Registration**
- **Enforcement:**



RESUME

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WORK EXPERIENCE:

- Worked as Assistant Professor in RVRJC College of Engineering from 04.01.2017 to 30.09.2017.
- Worked as Assistant Executive Engineer in Lines Section, Dhone from 21.10.2017 to 20.12.2019.
- Currently Working as Assistant Executive Engineer, Maintenance, 220KV SS Undi from 21.12.2019 to till date.

EDUCATION:

- 2014-2016: M.Tech in POWER SYSTEMS AND AUTOMATION from Andhra University College of Engineering, ANDHRA UNIVERSITY with 6.8 CGPA.
- 2009-2013: B.Tech in ELECTRICAL AND ELECTRONICS ENGINEERING with an aggregate of 74.19 from GMRIIT.
- 2007-2009: Intermediate with 94.8% of marks from Sri Vivekananda Junior College.
- 2006-2007: Secondary education with 88.5% of marks from St Mary's High School.

ACADEMIC EXPERIENCES:

- Secured GATE All India 2017 rank.
- Received GATE scholarship for pursuing post-graduation for two years.

PAPER PUBLICATIONS:

- Presented paper in RAPEPCSE-2016 Andhra University on "LOAD FREQUENCY CONTROL IN THREE AREA INTERCONNECTED THERMAL GEO-

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THERMAL HYDAL POWER SYSTEMS USING GA BASED FUZZY PI CONTROLLER under guidance of Dr.R.Vijaya santhi.

PROJECTS & PAPER PRESENTATIONS:

- Done M.tech main project on **“LOAD FREQUENCY CONTROL OF THREE AREA INTER CONNECTED THERMAL GEO-THERMAL HYDAL POWER SYSTEMS USING GA BASED FUZZY PI CONTROLLER”**.
- Done B.tech main project on **“FERRANTI EFFECT COMPENSATION USING VAR COMPENSATORS”**.
- Done mini-project on **“PROTECTION OF SUBSTATION EQUIPMENT”** at shivani rally.
- Gave presentation on **“REGENERATIVE BRAKING”** at **WISSENAIRE-12** organized by IIT-BHUBANESWAR in 2012.
- Presented a model of **“SOLAR CHARGING LIGHTS”** in GMRIT, Rajam.

SEMINARS, CONFERENCES & WORKSHOPS:

- Attended three day workshop on **“APPROACH FOR RESEARCH IN POWER ELECTRONICS, POWER AND CONTROL SYSTEMS ENGINEERING”**.
- Attended two day National Conference on **“RECENT ADVANCES IN POWER ELECTRONICS, POWER AND CONTROL SYSTEMS ENGINEERING”**.
- Attended workshops on **“ROBOTICS”** organized by **YOGIKI** under guidance of IIT-KGP.

Fathers Name: S. Suresh Ch.

Mothers Name: S. Sureshatha.

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DEPT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One day seminar on Industrial Design Law And Issues 28/03/2024

SI	NAME OF THE FACULTY	DEPARTMENT	DATE 28/03/2024	
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2.	G. Jayaprased	ECE		
3	M. V. Krishna	CE		
4.	N. L. Kumar	CE		
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7.	H. Yenu Raghavan	CE		
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11.	MRS. Natraj	Mech		
12.	G. Srissha	CE		
13.	Md. B. W. Akram	CE		
14	V. Divya Teja	CE		
15	G. Rajesh	Mech		
16.	D. Joseph Kumar	ECE		

17.	P. Nagesh Raju	ECE	PNR	PNR
18.	J. Vijay Kumar	ECE	JVK	JVK
19.	P.L. Rajeswari	ECE	Rajeswari P.L.	Rajeswari P.L.
20.	B. Rosey Sharanani	ECE	BRSharanani	BRSharanani
21.	L. D. Ramya	CSE	LRD	LRD
22.	C.H. Ravali	CSE	CH Ravali	CH Ravali
23.	K.ch. Mauli Raju	MBA	K.ch.M.Raju	K.ch.M.Raju
24.	Ch. Somesh Kumar	CSE	Ch. S. K.	Ch. S. K.
25.	S. Beela Karan	MBA	S.B. Karan	S.B. Karan
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27.	M.H. Keerthi	MHB	MHB	MHB
28.	A. Naga Sathish	CSE	Asathish	Asathish
29.	M.S.S. Lakshmi	MSE	MSS Lakshmi	MSS Lakshmi
30.	D. Varraja	ECE	DV	DV
31.	R. Gayatri	ECE	R. Gayatri	R. Gayatri
32.	G. Ramesh Babu	ECE	G.R. Babu	GR Babu
33.	G. Naga Teethi	EEG	G.N. Teethi	G.N. Teethi
34.	CH. D.S.V. Reddy	CSE	CHDS.V. Reddy	CHDS.V. Reddy
35.	T. Venkateswar Babu	ECE	T.V. De	T.V. De
36.	K. Sekhar Babu	ECE	KS	KS
37.	CH. S. Kumar	ECE	CH.S.K	CH.S.K
38.	B. Praveen	S&H	BP	BP
39.	B. Supraja	CSE	B. Supraja	B. Supraja
40.	B. J. Priyanka	CSE	B.J. Priyanka	B.J. Priyanka
41.	K. Sekhar Babu	ECE	K.S. Babu	K.S. Babu
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WHAT IS INDUSTRIAL DESIGN LAW and ISSUES

Industrial Design Law is a branch of intellectual property (IP) law that focuses on protecting the aesthetic aspects of a product's design. This protection covers the visual features of a product that are new and original, including its shape, patterns, color, texture, and overall appearance. The law grants exclusive rights to the creator of a design, preventing others from copying or imitating the design for a certain period.

The key purpose of industrial design law is to incentivize innovation and creativity by ensuring that designers and companies can protect the visual appeal of their products and maintain a competitive edge in the market.

Key Features of Industrial Design Law

1. Protection of Aesthetic Design:

- Industrial design law protects the **aesthetic features** of an object or product.

These can include:

- **Shape:** The 3D form or configuration of the product.
- **Pattern:** A decorative element or motif applied to the product's surface.
- **Color:** Specific use of colors as part of the design.
- **Surface Decoration:** Artistic embellishments on the surface that contribute to the overall look of the product.

2. Scope of Protection:

- Protection is typically granted for **visual aspects** only, not the **functionality** of the product. For instance, a new innovative electronic device may have a distinctive shape or surface pattern that qualifies for design protection, but the function or technical features of the device would be protected under **patent law**.

3. Exclusive Rights:

- The designer or the company that holds the rights to the industrial design has exclusive rights to use, manufacture, or sell products incorporating that design. They can prevent others from making, using, or selling designs that are **identical** or **substantially similar** without permission.

4. Duration of Protection:

- The duration of protection varies by jurisdiction. Typically, it ranges from **10 to 25 years**, with the possibility of extending protection in some countries. For example, in the **EU**, registered designs can be protected for up to **25 years**, with renewals every 5 years.

5. Registration and Unregistered Designs:

- In many jurisdictions, protection is **granted only through registration** with the relevant IP office (e.g., the **European Union Intellectual Property Office (EUIPO)** or the **United States Patent and Trademark Office (USPTO)**).
- Some countries also offer **unregistered design protection**, where designs are protected by default for a shorter period (typically 3 years), but the protection is limited and harder to enforce.

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6. International Protection:

- Industrial design protection is **territorial**, meaning it only applies in the country or region where the design is registered.
- However, international systems like the **Hague System** (administered by WIPO) allow for the registration of industrial designs in multiple countries with a single application.

Common Issues in Industrial Design Law

1. Novelty and Originality:

- A design must be **novel** and **original** to qualify for protection. This means that the design should not have been publicly disclosed or made available before the filing date of the application. Determining novelty can be challenging, especially with the rapid pace of innovation in industries like fashion, technology, and automotive.
- **Prior Art**: Designs that have been made public before the application date (e.g., published, sold, or exhibited) may prevent the design from being granted protection.

2. Overlapping IP Rights:

- **Patent vs. Industrial Design**: A key issue is the overlap between industrial designs and **patents**. While patents protect the **functional aspects** of an invention (e.g., how something works), industrial design law protects **aesthetic features** (e.g., how something looks). There may be cases where a product's design is both innovative in function (patented) and unique in appearance (protected under industrial design law).
- **Trademarks**: Sometimes, product designs also function as **trademarks** (e.g., Coca-Cola's bottle shape). In such cases, protection can be sought through both industrial design and trademark law, which raises complexities about the scope of each form of protection.

3. Design Piracy and Infringement:

- **Counterfeiting and Copying**: One of the major issues in industrial design law is the widespread occurrence of **design piracy**, where competitors or counterfeiters reproduce or "clone" popular products. For example, cheap knockoff furniture or fashion items are often direct copies of high-end designs. Enforcing rights against such infringement can be difficult, especially when designs are copied quickly and sold at lower prices.
- **Enforcement**: Many countries, particularly those with less robust legal systems, face challenges in **enforcing design rights** effectively. Small and medium-sized designers often find it difficult to enforce their design rights, especially in markets where counterfeit goods are prevalent.

4. Functionality vs. Aesthetic Design:

- A common challenge in industrial design law is the distinction between **functional** and **aesthetic** designs. If a design is deemed to be dictated by its function (e.g., a chair shape that is ergonomically required), it may not qualify for

industrial design protection. This has led to debates about how to balance functionality with creativity in design.

- The **"must-fit" or "must-match" criteria** are used to determine whether a design is functional or purely aesthetic. For example, if the design of a part is dictated by the need to fit or integrate with other components, it may not be eligible for protection.

5. **Global Protection and Jurisdictional Issues:**

- **International Enforcement:** Because industrial design laws are national or regional in scope, **enforcing design rights** across borders can be costly and complex. A designer who registers a design in one country may find it difficult to protect that design in other countries without a separate registration process.
- The **Hague System** facilitates international design registration, but not all countries are signatories, and protection might still require separate filings in jurisdictions outside the system.

6. **Cultural Appropriation and Ethical Concerns:**

- **Cultural Appropriation:** In some cases, designs may be seen as appropriating the aesthetics or cultural symbols of certain ethnic groups or indigenous communities without permission. There are growing concerns about **ethical design** and how IP laws can protect the cultural significance of traditional or indigenous designs.
- **Sustainability:** In the context of **fast fashion** and mass production, there are ethical debates about how industrial design law interacts with sustainable practices, especially when popular designs are quickly replicated and mass-produced, contributing to environmental harm.

7. **Accessibility for Small Designers:**

- The **cost of registration**, especially internationally, can be a barrier to smaller businesses and independent designers. Registration fees, legal fees, and the cost of enforcement can make it difficult for small designers to secure protection for their creations, leading to calls for **more affordable access** to industrial design protection.

Conclusion

Industrial design law serves as an important mechanism for protecting the visual and aesthetic aspects of products, encouraging creativity and innovation in industries such as fashion, technology, consumer goods, and more. However, the law faces several challenges, including issues of novelty, design piracy, the overlap with other intellectual property rights (like patents and trademarks), and difficulties in enforcement, especially in international contexts.

As the global economy becomes more interconnected, and as the pace of technological and design innovation accelerates, there is a growing need for reforms in industrial design law to address these challenges. Additionally, there is increasing awareness of the importance of ethical considerations in design, such as cultural appropriation and sustainability, which will continue to shape the evolution of industrial design protection.

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