



SRK INSTITUTE OF TECHNOLOGY
Enikepadu, Vijayawada 521108
Approved by AICTE, Affiliated to JNTUK, Kakinada
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A.Y: 2015-16

Academic Annual Report

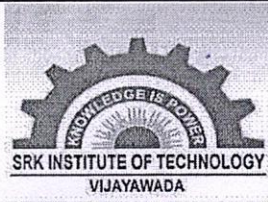
1. Certificate Program

1. Certificate Program on Control System Engineering with MATLAB/SIMULINK from 09/05/2016 - 21/05/2016, organized by Department of EEE.
2. Certificate Program on Siemens Product Lifecycle Management (PLM) Software Training from 07/09/2015 - 12/09/2015, organized by Department of ME.
3. Certificate Program on Python Programming from 20/07/2015 to 08/08/2015, organized by Department of CSE.
4. Certificate Program on Python Programming from 17/08/2015 - 05/09/2015, organized by Department of CSE.
5. Certificate Program on MTA - Database Fundamentals from 24/08/2015 - 03/10/2015, organized by Department of CSE.
6. Certificate Program on MTA - Networking Fundamentals from 24/08/2015 - 03/10/2015, organized by Department of CSE.
7. Certificate Program on MTA - Networking Fundamentals from 24/08/2015 - 03/10/2015, organized by Department of CSE.
8. Certificate Program on Basics of Tally ERP-9 from 14/09/2015 - 28/10/2015, organized by Department of MBA.
9. Certificate Program on MTA - Networking Fundamentals Networking Fundamentals from 24/08/2015 - 03/10/2015, organized by Department of MCA.
10. Certificate Program on Python Programming from 14/09/2015 - 02/10/2015, organized by Department of MCA.

2. Internships

S.NO	NAME OF THE INDUSTRY	NO OF STUDENTS PARTICIPATED
1	Microsoft Edu-Cloud services	5
2	Techno philia Systems	1
3	Micro link Peripheral Controls (P)Ltd	29
4	South Central Railway Women's Welfare Organization	05
5	BHEL, Hyderabad	03
6	Electric Loco Shed Vijayawada	6
7	Visakhapatnam Steel Plant	1

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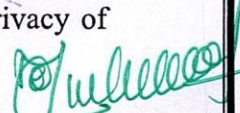
3. Research publication

1. K.Chandra padmakar "Numerical Analysis of piles in layered soils: A parametric study", 2015 International journal of engineering and Technology (IJET) 2015, ISSN: 0975-4024 VOLUME: 7.
2. G.Lalitha "Experimental study on Non-Destructive testing methods (NDTT)", 2015 International journal of engineering research and general science 2015, ISSN: 2091-2730 VOLUME: 3 ISSUE:1.
3. G.V.Rama subbarao "Cement stabilized red earth as building block and structural pavement layer", 2015 CONSTRUCT II-NO.2 ISSN: 1221-2709.
4. J.Purnachandra Rao "Cement stabilized red earth as building block and structural pavement layer", 2015 CONSTRUCT II-NO.2 ISSN: 1221-2709.
5. Dr.T.satyanarayana "Suitability of ground water quality for irrigation in sarada river basin Visakhapatnam district, Andhra Pradesh", 2015 International journal of surface and ground water management 2015, VOLUME:2 IJSGWM 020106.
6. S. Suresh Babu "Dynamic Grouping Methods for Multi-View Clustering page", 2015 International Journal of Research Studies in Science, Engineering and Technology (IJRASET) 2015, ISSN:2349-4751.
7. Dr. D.Haritha "ML Based Non Redundant Distributed Question Bank Generation", 2015 International Journal of Computer Science and Information Technologies, 0975-9646.
8. Dr.D.Haritha "Dissecting Malicious Word, PDF Documents", 2015 International Journal of Science Engineering and Advance Technology, IJSEAT, Vol3, Issue3, March-2015, 2321-6905.
9. Ch Praneeth "Dissecting Malicious Word, PDF Documents", International Journal of Science Engineering and Advance Technology, IJSEAT, Vol3, Issue3, March-2015, 2321-6905.
10. Ch.Ambedkar "Application of centrality measures in the Identification of critical genes in Diabetes Mellitus", 2015 Biomedical Informatics, 0973-2063.
11. S.Suresh Babu "The Analyzing and Techniques of the Anti-Phishing Technology", International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE).
12. P.Nageswara Rao "Segmentation of MR images for Tumor extraction by using Clustering Algorithms", International Journal of Computer Science and Information Technologies, Vol. 6 (2)-(IJCSIT), 0975-9646.
13. Dr. S. Sri Gowri "Modified Genetic Algorithm for Channel Allocation Problem", International Journal on Computing, Communications and Systems (IJCCS) 2015, ISSN: 2277-6699.
14. A. Vanaja "Secret Data Hiding in Encrypted Compressed Video Bit Streams for

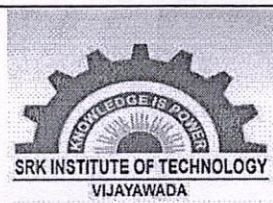


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- Private Info Protection”, International Journal of Scientific Engineering and Technology Research (IJSETR) 2015, ISSN: 2319-8885.
15. Y. Rakesh “Native Prediction Based Distinct Enlargement Reversible Watermarking”, 2015 International Journal of Research in Electronics & Communication Engineering (IJRECE), ISSN: 2321 – 5593.
 16. T. Vishnu Priya “Segmentation of Lung Nodule in Chest CT using Different Segmentation Technique”, 2015 International Journal for Research in Emerging Science and Technology (IJRSET), ISSN: 2349- 7610.
 17. Dr. S. Sri Gowri “Secrecy Outage Analysis of Underlay Cognitive Radio Over Nakagami-Q (Hoyt) Fading Channels” ISSN: 2231-5381.
 18. B. Ravi “Iris Data Hiding, Encoding by using Huffman Coding DWT, SVD Scheme Authenticated by Multi SVM”, 2015 International Journal of Research in Computer and Communication Technology (IJRCCT) ISSN: 2278-5841.
 19. Dr. S. Sri Gowri “Performance Enhancement of Spectral Efficiency and Throughput with Distributed Dynamic Channel Allocation using Genetic Algorithm”, 2015 International Journal of Electrical & Electronics Research (IJEER), ISSN: 2347-470X.
 20. Dr. S. Sri Gowri “Improved Orthogonal Space -Time Block Code for Nine Transmit Antenna”, 2015 International Journal of Electronics and Communicational System (IJEECS), ISSN: 2348-117X.
 21. Dr. S. Sri Gowri “Application of MADM Algorithms to Network Selection”, 2015 International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISSN: 2321-5526.
 22. Dr. S. Sri Gowri “Space Time Block Codes Using Multiple Transmitting Antennas”, 2015 Journal of Wireless Networking and Communications (JWNC), 2167-7328.
 23. Dr. S. Sri Gowri “Network Selection in Heterogeneous Wireless Environment using Decision Making Algorithms- Topsis and Promethee”, 2015 Journal of Theoretical and Applied Information Technology, ISSN: 1817-3195.
 24. CH.Rajendra Babu “Novel Approach for Child and Adulthood classification Based on Significant Prominent Binary Patterns of Local Maximum Edge”, 2015 IJTCS, 2074-9015.
 25. M.S.N.V.Jitendra “Computational Approach of Molar Refraction, Molecular Radius and Internal Pressure of a Binary Mixture”, 2015 JAIS, 2321-6115.
 26. M.S.N.V.Jitendra “Observed intraseasonal and interannual variability of Arabian Sea Warm Pool along the Gulf of Aden to Strait of” 2015 The International Journal of Ocean and Climate Systems, 1759-3131.
 27. M Rambhupal “Different Block Data Storage in Cloud using ID-DPDP Protocol” 2015 IJATIR, 2348–2370.
 28. M Rambhupal “Efficient Social Network Message Filter Framework and Privacy of Users”, 2015 IJCST, 2229-4333.

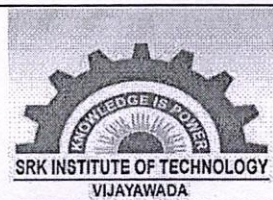

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29. J. Sravan Kumar "An Effective Approach for Improving Anomaly Intrusion Detection", 2015 IJCSE, 2347-2693.
30. B.V.S.S. Subba Rao "Financial INCLUSION: SERVICES AND STRATEGIES OF RETAIL BANKING", 2015 International Journal of Research in Management & Social Science, 2322-0899.
31. Dr. N. Subramanyam "Members Perception on the Impact of SHG's: A Case Study of Income Generating Women in W.G.District", 2015 GEC's International Journal of Innovation Technology and Management, 2394-594X.
32. B.V.S.S. Subba Rao "Members Perception on the Impact of SHG's: A Case Study of Income Generating Women in W.G.District", 2015 GEC's International Journal of Innovation Technology and Management, 2394-594X.
33. B.V.S.S. Subba Rao "Retailer's Perception on FDI: An Empirical Study of Vijayawada City", 2015 GEC's International Journal of Innovation Technology and Management, 2394-594X.
34. U. Ramesh "Evaluation of mechanical properties of aluminum, borassus flablifer fiber and polyster composite", 2015 international journal of engineering research and technology, 2278-0181.
35. M. Gyathri "performance of water and diluted ethylene glycol as coolants for electronic cooling", 2015 international journal of engineering research and applications, 2248-9622.
36. Danaiah puli "performance and emission characteristics of tertiary butyl alcohol gasoline blends on a spark ignition engine", 2015 biofuels, 1759-7277.
37. MVB Sampath "vibration analysis of rotating composites beam with dynamic stiffness matrix method, 2015, journal of mechanical and civil engineering, 2278-1684.
38. P Bhagya Laxmi "Fabrication and Mechanical testing of Natural Fibre Reinforced Polypropylene Hybrid composites", 2015 International journal of engineering research-Online, 2321-7758.
39. Dr. K. Bala showry "Experimental investigation using split injection", 2015 i-managers general of mechanical engineering vol.5 no:3, NA.
40. Z. Jithendra "Effect of process parameters on weld bead geometry of narrow V-groove but joint in pulsed gas metal arc welding", 2015 Journal of computing technologies, 2278-3814.
41. D. Anand "The Idea of a Nation: A Post-Colonial study of Amitav Ghosh's The Glass Palace", 2015 Global English - Oriented Research Journal, 2454 - 5511.
42. Dr. J. Ashok "Enhancement of orange emission of Co²⁺ ions with Bi³⁺ ions in lead silicate glasses", 2015 Journal of Luminescence, 0022 - 2313.
43. Dr. T.V. Nagalakshmi "Adsorption of Fluoride from Aqueous Phase by BoMBAX Malabaricum", 2015 Journal of Applicable Chemistry, 2278-1862.
44. Dr. T.V. Nagalakshmi "Factors influencing the removal of fluoride from aqueous



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solution by pithacelobium dulce carbon”, 2015 Scholars Research Library, Der Pharma Chemical, 0975-413X.

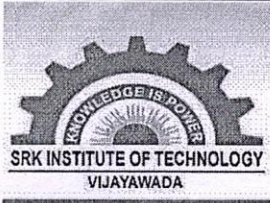
45. Dr. T.V. Nagalakshmi “Preparation of Mesoporous Activated Carbon from Jack Fruit PPI-1 waste and Development of Different Surface”, 2015 International Letters of Chemistry and Physics and Astronomy, 2299-3843.
46. Dr. T.V. Nagalakshmi “Removal of Cationic Textile Dye (C.I. Number 11105) from Aqueous Solution by Adsorption on to Prepared Activated”, 2015 Chemical Science Review and Letters, 2278-6783.

4. Organized Seminars/Workshops

1. One day Seminar on Importance of Intellectual Property Rights on 14.07.2015.
2. A One Day Workshop on Entrepreneurship Development on 05.08.2015.
3. One Day Seminar on “Impact of Technological Advancement on Entrepreneurship” on 28.12.2015.
4. One day Seminar on IPR: Emerging Issues and Challenges on 04.02.2016.
5. A One Day Workshop on “Employment Opportunities in Animation Sector” on 28.04.2016.
6. A One day Seminar on Registration Process of IP on 19.07.2016.

5. Industrial Visits

1. An industrial visit was organized for the students of IV/I .B.Tech, civil engineering on 26-08-2015. 46, civil engineering students visited to NAGARJUNA SAGAR DAM, Andhra Pradesh.
2. An industrial visit was organized for the students of II/I. B.Tech, EEE on 30.09.2015. 49, EEE students visited to Kumar Pumps & Motors.
3. An industrial visit was organized for the students of III/II. B.Tech, EEE on 04.03.2016. 48, EEE students visited to Electric Loco Shed Vijayawada.
4. An industrial visit was organized for the students of III/II, VI/I. B.Tech, EEE on 26.09.2015. 51, EEE students visited to APTRANSCO Sub Station, Gunadala.
5. An industrial visit was organized for the students of II/II .B.Tech, ECE on 25-02-2016 to 26-02-2016. 118 ECE Students Visited to All India Radio Station (AIR), Vijayawada.
6. An industrial visit was organized for the students of IV/II .B.Tech, ECE on 04-03-2016 to 05-03-2016. 120 ECE Students Visited to Doppler Weather Radar Station, Machilipatnam.
7. An Industrial visit was organized for the students of II/II, IV/II .B.Tech, ECE on 18-02-2016, 19-2-2016 to 25-02-2016, 26-02-2016. 118+120=238 ECE Students visited to Doordarshan Kendra, Vijayawada.
8. An Industrial visit was organized for the students of IV/I .B.Tech, CSE on 29-8-2015. 39 CSE Students visited to TransIT mPower Labs [P] Ltd, Bangalore.
9. An Industrial visit was organized for the students of IV/I .B.Tech, CSE on 31-8-2015. 39 CSE Students visited to Ace Components and Electronics Pvt Ltd, Mysore.



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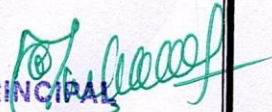
10. An Industrial visit was organized for the students of IV/I .B.Tech, CSE on 1-9-2015. 39 CSE Students visited to Focuz InfoTech, cochin.
11. An Industrial visit was organized for the students of IV/II. B.Tech, CSE on 14-3-2016. 20 CSE Students visited to TCS (Deccan Park, Hyderabad).
12. An Industrial visit was organized for the students of IV/I .B.Tech, IT on 29-8-2015. 6 IT Students visited to TransIT mPower Labs [P] Ltd, Bangalore.
13. An Industrial visit was organized for the students of IV/I .B.Tech, IT on 31-8-2015. 6 IT Students visited to Ace Components and Electronics Pvt Ltd, Mysore.
14. An Industrial visit was organized for the students of IV/I .B.Tech, IT on 1-9-2015. 6 IT Students visited to Focuz InfoTech, cochin.
15. An Industrial visit was organized for the students of IV/II.B.Tech, IT on 14-3-2016. 4 IT Students visited to TCS (Deccan Park, Hyderabad).
16. An Industrial visit was organized for the students of IV/II. B.Tech, MCA on 14-3-2016. 4 MCA Students visited to TCS (Deccan Park, Hyderabad).

6. Extension Programs

1. The NSS Unit organized a cycle rally on 26th January 2016 involving NSS Volunteers in association with Vivekananda Youth Trust, Vijayawada.
2. The NSS Unit organized Blood donation Camp during Krishna Pushkarams on 08-01-2016 in association with Vivekananda Youth Trust Vijayawada.

7. Collaborations

1. MoU established with M/S Microlink Peripheral Controls (P) Ltd, Vijayawada with duration of One Year.
2. MoU established with NECX PRIVATE LIMITED with duration of One Year.
3. MoU established with Siemens Industry Software India Private Ltd And Jytra Engineering Services with duration of One Year.
4. MoU established with Artha Financial Professionals' Guru with duration of one year.
5. MoU established with CoreEL Technologies India Pvt Ltd with duration of two years.
6. MoU established with Sri Lakshmi Ganapathi Engineering Works with duration of one year.
7. MoU established with Microsoft with duration of one year.
8. MoU established with Oracle Work Force Development Program with duration of one year.


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8. Placements

The total number of students placed in academic year 2015-16: 77

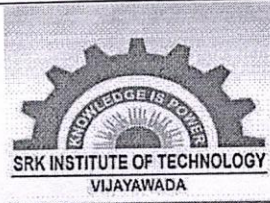
S N O	NAME OF THE COMPANY	Number Of Students Selected								
		CSE	ECE	IT	EEE	MECH	CIVIL	MBA	IMBA	MCA
1	RAJ GROUPS		8							
2	INFOSYS		1							
3	CTS	1								
4	CAPJEMINI		1	1	1					
5	MPHASIS	1								
6	VALUE LAB TECHNOLOGY		1							
7	TCS		1							
8	IBM		1							
9	CGI		1							
1	TRAITSYS TECHNOLOGY PVT LTD		4							
11	CALIBER TECHNOLOGIE S PVT LTD		1							
12	TALENT SPRINT		2							
13	GOOD THROUGH SOFTWARE SOLUTIONS		1				1			
14	HDFC LIFE		1							
15	HCL TECHNOLOGIES		2							
16	ACCENTURE		1							
17	APSCDC		2	1						

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18	ARICENT		1						
19	REPORT GARDEN	1							
20	TECHNIQUE INTEGERATION TECHNOLOGIE S PVT LTD	1							
21	VALTECH INDIA	1							
22	ALL ONLINE SOFTTECH SOLUTIONS					1			
23	ENVESTNET YODLEE			1					
24	OMICS			1					
25	AGEGIS			1					
26	ESENNAR				1				
27	KOCHAR TECH				2				
28	COMPASSITES SOFTWARE SOLUTIONS PVT LTD	1							
29	QUALMINDS	1							
30	RMSI					1			
31	PRASADH & ASSOCIATES					1			
32	KALPATARU POWER TRANSMISSION					1			
33	VEDA IIT		1						
34	MODREN PLASTIC INDUSTRY		1						
35	TEAM LEASE		2			1			
36	SOFT VISION		1						
37	OVERSAYS			1					

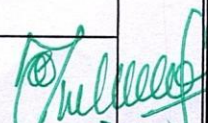


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38	ACCENDERE			1						
39	ADVISE CONSULTING PVT LTD							5		
4	AXIS BANK							1		
41	COEPD GLOBAL							1		
42	FACTSET							1		
43	LAKSHYA IT CONSULTING PVT LTD							5		
44	MOZTECH							1		
45	VIDAL NDT					4				
46	AMARAVATI PEOPLES MULTI PURPOSE MAC					1				
	TOTAL	7	34	7	4	6	5	14	0	0

9. Awards Received in Sport

S.No	Name of the Student	Name of the Award/Medal	Team / Individual	University/State/National/International	Sports /Cultural
1.	Ms. S. Dimple	Participation	Individual	Inter National	8 th Common Wealth Karate
2.	Mr.K.Bhagyaraj	Silver Medal	Individual	AP State Power Lifting Association,	Power Lifting
3.	Mr.K.Bhagyaraj	Participation	Individual	APower Lifting Association, Mangalagiri	Weight Lifting
4.	Mr.K.Bhagyaraj	Participation	Team	Novace	Volleyball


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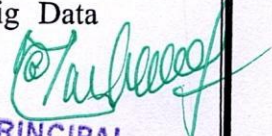
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10. Organized Faculty Development Program

1. Faculty Development Program on Recent Innovations in Geo-Technical Engineering by department of CE from 13/07/2015 to 14/07/2015.
2. Faculty Development Program on Best Practices in Solid Waste Management by department of CE from 22-06-2016 to 23-06-2016.
3. Faculty Development Program on Recent Advanced Techniques In Robotics by department of MECH from 21-03-2016 to 25-11-2016.
4. Faculty Development Program on Real Time Signal & Image Processing using Xilinx Vivado and Zynq -7000 SOC by department of ECE from 11-9-2015 to 12-9-2015.
5. Faculty Development Program on Communication Skills by department of ECE 17-11-2015 to 21-11-2015.
6. Faculty Development Program on Data Mining Tools, organized by department of CSE from 10-12-2015 to 15-12-2015.
7. Faculty Development Program on Communication Skills by department of Science and Humanities from 17/11/2015 to 21/11/2015.
8. Faculty Development Program on DERIVATIVES MARKET by department of MBA from 28/10/2015 to 29/10/2015.
9. Faculty Development Program on Android Application Development by department of MCA from 14-12-2015 to 19-12-2015.

11. Faculty Attended Professional Development Programs

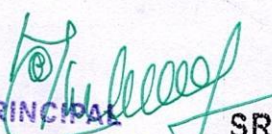
1. S. Nageswara Rao Attended Professional Development Program on "Technical Communication", for Two - Week from 08-10-2015 to 05-12-2015.
2. B. Nava Jeevan Reddy Attended Professional Development Program on "Technical Communication", for Two - Week from 08-10-2015 to 05-12-2015.
3. N. Siva Rama Krishna Prasad Attended Professional Development Program on "Pervasive and Mobile Computing", from 24-11-2015 to 03-12-2015.
4. Ch. Praneeth Attended Professional Development Program on "Machine Learning", from 16-11-2015 to 27-11-2015.
5. Dr D. Haritha Attended Professional Development Program on "Machine Learning", from 16-11-2015 to 27-11-2015.
6. M. M. Karunakar Attended Professional Development Program on "Power Electronics and Drives for Vehicular Systems - Technology Status & Future Trends", from 23-11-2015 to 28-11-2015.
7. K. Raja Yasodhar Attended Professional Development Program on "Big Data Analytics", from 11-04-2016 to 17-04-2016.


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8. P. Nageswara Rao Attended Professional Development Program on “Software Engineering”, from 20-12-2015 to 08-01-2016.
9. T. Vishnu Priya Attended Professional Development Program on “Outcome Based Education”, from 06-06-2016 to 11-06-2016.
10. B. Nava Jeevan Reddy Attended Professional Development Program on “Outcome Based Education”, from 06-06-2016 to 11-06-2016.
11. Dr A. Padmaja Attended Professional Development Program on “Outcome Based Education”, from 06-06-2016 to 11-06-2016.


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T. Lalitha
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