SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM (Autonomous)

ANNUAL REPORT :: 2019-20

Institute Profile:

Shri Vishnu Engineering College for Women (A) – SVECW was established in 2001 to cater to the needs of the aspirations of rural girl students in the field of engineering education. Since its inception with three undergraduate programs with an intake of 180 students, the college has incrementally added more programs. Presently, there are seven undergraduate and five PG programs with an intake of 972.

Over the years, SVECW has been recognized by various national and international bodies such as NBA, NAAC, NIRF, AIIRA, AICTE – CII Survey, AICTE – USVA 2020, MHRD – IIC, IMC, APQO and QEEE, as an institute of excellence.

The Industry Relations of SVECW is one of its kinds with multi-layered support system. The network of offices in Hyderabad, Chennai, Bengaluru, Pune, and Vadodara will be in constant touch with diversified industries across the country to pursue placements, internships, industry - academia interaction, R&D collaborations etc. Leadership is actively involved in promoting change in education and industry collaborations by taking active role in Industry Bodies such as NASSCOM, CII etc.

SVECW also has MoUs with many companies (IT as well as core) in designing the industry specified curriculum, faculty development, certifications for students etc. These activities help students and faculty to stay ahead of their peers in acquiring the latest technologies and skills.

SVECW works with organizations such as TalentSprint, Smart Interviews, ELEPHOS, VINEX, TIME and Foreign Language Programs on specific Academic Programs to help students get the skillset before they graduate and be ready to be productive for hiring organizations from Day-1. Skill promotion has helped students perform consistently, be superior in many competitions organized by Industry. The examples are Hackathons or coding or project competitions.

These initiatives always stand SVECW consistently ahead of others in placements from 2015 onwards in top MNCs such as Amazon, Flipkart, Adobe, Caterpillar, ZOHO, JohnDeer, Providence, American Express etc.

SVECW is proud of its uniqueness in many ways. To mention a few:

- ✓ Radio Vishnu 90.4, the only college in A P state to have FM Radio
- ✓ Rural Women Technology Park
- ✓ FIST
- ✓ Assistive Technology Lab
- ✓ IUCEE
- ✓ Vehicle Design Lab
- ✓ IoT Lab
- ✓ TBI

The college has MOUs with academia such as Central Michigan University, University of Massachusetts, Community College of Philadelphia, Purdue University, Northern Illinois University and IEG, GC German Center for Engineering and Management Studies UG Aachen and European Center for Mechatronics APS GmbH Aachen, and University of Bolton.

The college believes that teaching and research are interlinked. In order to ably do this, the college gives financial assistance to faculty to pursue higher education through initiatives such as reimbursement of tuition and registration fee for Ph.D Programs, leave with pay for post graduate and Ph.D Programs, financial assistance to attend and conduct conferences and workshops. The college acknowledges and honors teachers with special talents and competencies with awards and monetary rewards.

The college's knowledge hub, the library houses a large number of books and journals both print and online to cater to the intellectual needs of faculty and students.

The teaching-learning is given top priority. Some of the unique features of the curriculum include:

- ✓ Open Electives
- ✓ Pre Electives
- ✓ Self-phase Learning Courses
- ✓ Art Courses
- ✓ Value Added Courses
- ✓ Internship support
- ✓ Bridge and Remedial Courses for slow learners

To cultivate research mindset in students, they are encouraged to become members of a number of professional bodies like ISTE, SAE, CSI, IETE, IEEE, IET and ICI. Some of the economically weak students are given fee waivers, opportunities to earn while they learn and financial assistance in participating at state/national level conferences/seminars etc.

Apart from the curriculum, the students are engaged in a large variety of projects. Some of which are: Visitor tracking system, Unmanned autonomous boat, Bamboo Bicycle, E-stick, Braille Printer etc.

The students of SVECW have the advantage of pursuing their interests and hobbies through a 27 student clubs to showcase their creativity and develop their leadership skills.

To mention a few: CodeChef SVECW Chapter, Toastmasters International Club, SAHAYA, IDEA Club, Amateur Astronomy Association, Eco-friendly Club, MECOW etc.

Amenities at SVECW include 1200 capacity of a/c auditorium, Open air auditorium, electricity power backup, computing facilities, RO Plant, water sewage treatment plant, hostels, book store, Bank, post office, photo studio, tailoring shop, car driving institute, ATMs, beauty parlour, convenience store and temples, boat club, swimming pool, Radio Vishnu, Vishnu TV Academy, Music Club etc.

The well-equipped gymnasium and dedicated Psychology department with qualified staff provide recreation through mental and physical fitness.

Education at SVECW is an experience.

Vision of the Institute

Transform the society through excellence in Education, Community empowerment and sustained Environmental protection.

Mission of the Institute

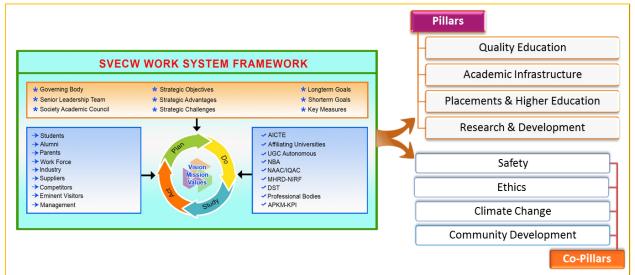
- ✓ To achieve Academic excellence through innovative learning practices
- ✓ To instill self confidence among rural students by supplementing with co-curricular and extra-curricular activities
- ✓ To inculcate discipline and values among students
- ✓ To establish centers for Institute Industry partnership
- \checkmark To extend financial assistance for the economically weaker sections
- \checkmark To create self-employment opportunities and skill up gradation
- ✓ To support environment friendly Green Practices
- ✓ Creating innovation hubs

Values of the Institute

- \checkmark We strive for excellence in all that we do in order to model success for our students
- \checkmark We focus on students' success and satisfaction and meeting the needs of the community
- ✓ We take pride in the quality of our organization and work, and we value, originality, integrity, consistency, and attention to detail
- ✓ We stay abreast of ever-changing youth culture, emerging communication technologies and design trends
- ✓ We set benchmarks and model high quality standards for students, faculty, staff, and community partners
- \checkmark We lay utmost importance on discipline, punctuality, personal values and healthy practices
- ✓ We create an innovative environment for students and staff to develop an integrated personality
- ✓ Inclusive community projects

Work System of SVECW

In SVECW, the accountability is accomplished with an efficient and effective work system framework commissioned since inception of the institution. The agile featured SVECW work system framework mainly focuses on Quality Education, Infrastructure, Placements & Higher Studies and Research & Development as its Pillars. It also in-tune with ethics, innovation, mend with safety and adaptable for any climate change as its Co-Pillars presented here.



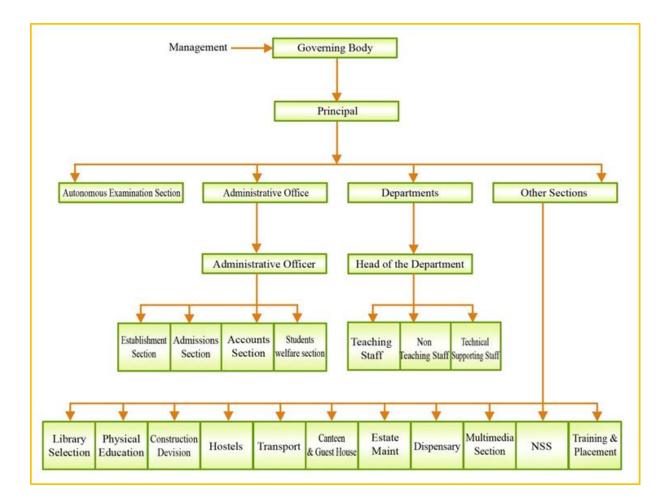
Pillars of SVECW

Quality Education	Infra structure	Placements &	Research & Developmnet		
Quality Education	Infrastructure	Higher Education			
✓ Teaching-Learning	✓ VEDIC	✓ TAP team	✓ Vishnu R&D Center		
Zone:	✓ Centers of	✓ Industry-Institute	✓ Research Labs		
 Direct Instruction 	Excellence	Interaction Cell	✓ Founded R & D		
 Problem Based 	✓ State-of-the-art-	✓ Placement Liaison Offices	Projects		
 Co-operative 	Laboratories	✓ Career Guidance Cell	✓ Faculty Publications		
 Activity Based 	✓ Central Library	✓ Placements Internal	✓ Student Publications		
 Case Based 	✓ Knowledge Center	Training	✓ Book Publications		
 Small Group 	✓ Modern	✓ Placements External	✓ Patents		
Teaching	Auditoriums	Training	✓ ATL		
 Virtual 	✓ Campus Book	✓ Foreign Languages	✓ Multi-Disciplinary		
 Project-Based 	Stores	✓ APSSDC	Projects		
✓ Micro level lessen plan	✓ Wi-Fi Campus	✓ Industry MOU's	✓ MOU'S with R & D		
✓ Guest Lectures	✓ Radio Vishnu	✓ Internships	organization		
✓ Workshops	90.4CR	✓ Placements	✓ Consultancy		
✓ Professional Bodies	✓ Vishnu T.V	✓ Mission R & D	✓ Incentives		
✓ Industrial Visits	Academy	✓ Embedded Co-curricular	\checkmark Interaction with		
✓ Webinars	✓ ECAP	Calendar	Eminent		
✓ Orientation Programs	✓ PACT	✓ Industrial Visits	Researchers		
✓ QEEE	✓ Campus Hostel	✓ Entrepreneurship Cell	✓ Faculty		
✓ NPTEL, e-content	✓ Food Courts	✓ Mentoring/Customization	Development		
✓ MOOCS	✓ Fitness Centers	✓ Certification Courses	Programs		
✓ Google Classroom	✓ Staff Quarters	✓ GATE/GRE Training	_		
Learning	✓ Swimming Pool				
✓ Student Clubs	✓ Sports Complex				
✓ TEQIP	✓ Driving School				
✓ Project Exhibitions	✓ Bank & ATMs				
✓ Technical Events	✓ Power Backup				
✓ VKC / VEMC					
✓ Psychology Department					

Co-Pillars

Community Development	Safety	Climate Change	Ethics
✓ Rural Women Technology	✓ Security Guards	✓ Green Plantation	✓ Blood Banks
Park	✓ CC Cameras	✓ Solar Power	✓ Scholarships
✓ Swarna Bharath Trust	✓ Fire Extinguishers	✓ Avoiding Usage of	✓ Staff Welfare
✓ Blood Donation Camps	✓ Parking Lanes	Plastic	Found
✓ Donations	with Sign Boards	✓ Harvesting Rain water	✓ Ethics related
✓ Smart Villages Adaption	✓ Bio-metric Gate	✓ Sewage Water	courses in
✓ NSS Activites	Pass	treatment plants	curriculum
🗸 Sahaya Club	✓ Personal protective	✓ RO water plant	✓ Committees
	Equipment	✓ Cycling in campus	✓ Empathy Club
		✓ World Earth Day	

Organizational Structure



Members of Governing Body

Name	Nature	Category
Sri. K. V. Vishnu Raju,	Chairman	
Chairman, SVES		
Sri. R. Ravichandran,	Member	Management Nominee
Vice-Chairman, SVES		
Sri. K. Aditya Vissam,	Member	Management Nominee
Secretary, SVES	Wender	Management Nommee
Sr. J. V. S. S. R. D. Prasada Raju	Member	Management Nominee
Director, SVES		
Dr. D. Suryanarayana,	Member	Management Nominee
Principal, VIT	Wiember	Wanagement Wommee
Dr. P. Srinivasa Raju,	Member	Management Nomines
Vice Principal, SVECW	Wender	Management Nominee
Dr. S. M. Padmaja,	Member	Professor Nominee
Professor, SVECW		
Dr. U. Chandra Sekhar,	Member	Management Nominee
Director, ESCI		
Dr. Anusha R,	Member	Management Nominee
CEO, PARK Group of Institutions		
Sri. J V Sathyanarayana,	Member	State Government Nominee
RJD, Kakinada		
Dr. V. V. Subba Rao,	Member	University Nominee
Registrar, JNTUK		
Dr. G. Srinivasa Rao,	Member	Member Secretary
Principal, SVECW		

Members of College Academic Council

College Academic Council					
1	Dr. G. Srinivasa Rao, Principal, SVECW	Chairman			
2	Dr. V.V. Subba Rao, Principal, UCEN, JNTUK, Narasaraopet	University Nominee			
3	Dr. A. Mallikarjuna Professor, Dept. of ECE, JNTUK	University Nominee			
4	Dr. R. Srinivasa Rao, Director, Academic Planning, JNTUK	University Nominee			
5	Sri K.A. Rama Krishnam Raju, Project Manager, Tech Mahindra	Industry Expert			
6	Sri J.V.S.S.R.D. Prasada Raju, Director (Admin.), SVES	Member			
7	Dr. D. Suryanarayana, Director, VIT	Member			
8	Dr. P. Srinivasa Raju, Vice-Principal & HOD-ME, SVECW	Member			
9	Dr. S.M. Padmaja, HOD-EEE, SVECW	Member			
10	Dr. G.R.LV.N. Srinivasa Raju, HOD-ECE, SVECW	Member			
11	Dr. V. Purushothama Raju, HOD-CSE, SVECW	Member			
12	Sri P. Venkata Rama Raju, HOD-IT, SVECW	Member			
13	Dr. P. Girish Kumar, HOD-CE, SVECW	Member			
14	Dr. T. Srirama Murthy, HOD-BS, SVECW	Member			
15	Dr. G. Subba Raju, HOD-MBA, SVECW	Member			
16	Dr. K. Pushpa, Professor in ECE, SVECW	Member			
17	Dr. D.V. Nagaraju, Professor in IT, SVECW	Member			
18	Dr. Ch. Harikrishna, Assoc. Professor in ME, SVECW	Member			
19	Smt. P. Prashanti, Asst. Professor of English, BS, SVECW	Member			
20	Sri P. Suryaprakash Varma, Controller of Exam., SVECW	Member Secretary			

Courses Offered – Intake

Details of Intake 1st year of B.Tech. M.Tech and MBA during the academic year 2019-20 are given in the table.

Course	Approved Intake
B.Tech. – Civil Engineering	60
B.Tech. – Computer Science & Engineering	180
B.Tech. – Electronics & Communication Engineering	180
B.Tech. – Electrical & Electronics Engineering	120
B.Tech. – Information Technology	120
B.Tech. – Mechanical Engineering	60
M.Tech. – Computer Science & Engineering	18
M.Tech. – Software Engineering	18
M.Tech. – VLSI Design	18
M.Tech. – Power Electronics	18
M.Tech. – GeoInformatics	18
M.B.A.	60

Centers of Excellence

- ✓ Assistive Technology Lab
- ✓ Women In Software Engineering (WISE) Programme
- ✓ Vehicle Design Lab
- ✓ Rural Women Technology Park
- ✓ Texas Instrument Lab
- ✓ Foreign Languages Training

Professional Bodies

Students' Chapters of Professional Bodies The College also organized various co-curricular activities for students through the Professional Chapters:

- ✓ Indian Society for Technical Education (ISTE)
- ✓ Institution of Electronics and Telecommunication Engineers (IETE)
- ✓ Computer Society of India (CSI)
- ✓ The Institute of Electrical and Electronics Engineers (IEEE)
- ✓ Society of Automotive Engineers India (SAEIndia)
- ✓ Indian concrete institute (ICI)
- ✓ Institution of Engineers (IE)

Student Clubs

- ✓ AAA Club
- ✓ Tech Xtreme Club
- ✓ Story telling Club
- ✓ Sparta Club
- ✓ Happy Club
- ✓ Eco Friendly Association
- ✓ Photography Club
- ✓ Sports Club
- ✓ Painting Club
- ✓ Idea Club
- ✓ Organic Farming Club
- ✓ Fashion Designing Club
- ✓ Page Turners Club
- ✓ Mecow Club

- ✓ Splash Out Club
- ✓ Empathy Club
- ✓ TechniSafoos Club
- ✓ Toast Masters Club
- ✓ Self Defence Club
- ✓ Synergy Club
- ✓ Mathlets Club
- ✓ Future India Club
- ✓ Vishnu Music Club
- ✓ Sahaya Club
- ✓ Rockmefab Club
- ✓ Cultural Club
- ✓ Dance Club
- ✓ CodeChef SVECW Chapter

Placements Details

Name of the Company	No. of Selects
Accenture	207
Capgemini	224
EPAM	19
Hyundai Mobis	01
Infosys	16
TCS	90
Thermax	02
Seneca Global	02
TechnipFMC	01
GGK Tech	02
NTT Data	13
Hexaware	08
IBM	09
Mind Tree	01
HCL	36
Expedia	01
Zemoso Labs	01
Urjanet	11
Faurecia	01
Flipkart	01
Soctronics	01
NCR	08

Cognizant	38
State Street	01
Quest Global	10
Milekal	11
Wipro	08
Bank of America	17
Renault Nissan	05
E Construct	02
Mahindra Mahindra	03
DBS Bank	01
Adobe	02
Anand	01
CADeploy	11
Hero	02
L&T	12
Epiroc	05
Miracle	03
Accolite	01
Amazon	01

Extra-Curricular Activities of Students (Sports & Games)

- Jyothrmai, M. Sri Lekha, N. Dhamani, P. N. S. S. Neeraja, C. Aparna Reddy, Md. Safiya Begum, participated in Cricket, , JNTUK South Zone hosted at Sri Venkateswara University, Tirupathi.
- Y. Madhuri, Dept. of ECE, stood in Third Place, 400 & 800 Mts, JNTUK Athletic Central Zone hosted at Adithya Engineering College, Surampallem.
- Y. Madhuri, Dept. of ECE, participated in Rope Skipping, JNTUK South Zone, hosted at Adikavi Nannyya University, Rajamundry.
- Rekha, Aishwarya Suresh, participated in Volley Ball, JNTUK South Zone hosted at SRM University, Chennai.
- 51 number of Prizes/Awards towards Paper/Poster presentations/competitions which are actively participated in the various institutes conducted by the different organizations.
- 12 number of Prizes/Awards received towards Project Competitions which are actively participated in the various institutes conducted by the different organizations.

Research & Development Activities

Details of Organized Faculty Development Programs:

- 1. One week short term training program on "Recent advancements in civil engineering: challenges & future perspectives"
- 2. One week National level FDP on Machine Learning for Social Relevance
- 3. Recent advancements in Artificial Intelligence
- 4. AICTE Sponsored A Two weeks Faculty Development Program on "Next generation wireless systems and networks: theory to practice"
- 5. A one week Faculty development program on "VLSI Chip Design Hands on using open source EDA"
- 6. A one week Faculty development program on "5G Wireless Technologies"
- 7. One Week Faculty Development Programme on Real Time Aspects of Power System Scenario
- 8. One week FDP on Hybrid Vehicle Technologies
- 9. One week workshop on Smart Micro Grid Operation and Control
- 10. One week Faculty Development program on Artificial Intelligence
- 11. One week Short Term Course on Blockchain
- 12. A 5-Days Workshop on "Research Problems in Materials and Manufacturing with Hands on Experience"
- 13. One-week Workshop on "CAD and 3D Printing"
- 14. A One week FDP on "Soft Skills"
- 15. National Level One week Faculty Development Program on "Applications of Mathematics in Engineering & Technology"
- National Level One week Faculty Development Program on "Organic Synthesis and Reaction Mechanism (OSRM-2019)"
- 17. One week workshop on "Enterprise Risk Management"
- 18. One week workshop on "Creativity in Advertising Necessary Strategies"

Details of Faculty Attended Workshops/FDPs:

- 1. Dr.Pala Gireesh kumar
- 2. Dr.U.Venkatapathi Raju
- 3. Mr.V.Kesava Raju
- 4. Dr.P.Sridhar
- 5. Ms.Y.S.S.Parvathi
- 6. Ms.M.Surya Kumari
- 7. Mr.B.Venkatesh
- 8. Mrs.P.Lavanya
- 9. Mrs.S.Manjula
- 10. Ms.S.Harika
- 11. Mr.Bh.Suresh Varma
- 12. Mrs.Ch.J.Pavany
- 13. Mrs.B.Jyoshna
- 14. Ms.V.Manasa
- 15. Mrs.A.Parvathi Devi
- 16. Ms.A.Lavanya
- 17. Dr.K.Ganesh Kadiyala
- 18. Dr V Purushothama Raju
- 19. Dr. P. Kiran Sree
- 20. Dr. V V R Maheswara Rao
- 21. Dr Dharmaiah Devarapalli
- 22. Dr K.Ramachandra Rao
- 23. Mr Y Ramu
- 24. Mr A Seenu
- 25. Mrs P R Sudha Rani
- 26. Mr P J R Shalem Raju
- 27. Mr K V Narayana Rao
- 28. Mr. P. Sunil
- 29. Mrs T.Madhavi
- 30. Mr M.Narasimha Raju
- 31. Mr GVSS Prasada Raju
- 32. Mr P Raju
- 33. Mr K Pavan Raju
- 34. Mr M S Sudheer
- 35. Mr R Anuj
- 36. Mrs T Gayatri
- 37. Mr MVV Rama Rao
- 38. Mr T Kesava
- 39. Mr. P. Srikanth
- 40. Mrs.K.Ratna Kumari
- 41. Ms. R.V. Swathi
- 42. Mrs V Lakshmi Durga
- 43. Ms. M. Asma
- 44. Ms. S. Ramya
- 45. Mr. K. Satish
- 46. Dr.K.Pushpa
- 47. Dr.K.Padmavasavi

48. Dr. S. Hanumantha Rao 49. Mr. V. Srinivasa Rao 50. Mr. K. Murthy Raju 51. Dr.M.Prema Kumar 52. Dr. M. Pradeep 53. Dr.M.V.Ganeswara Rao 54. Mr.D.Murali Krishna 55. Mr.P.Ravi Kumar 56. Dr.T.Sudheer Kumar 57. Dr. N. Prasad 58. Dr.M.V.Subbarao 59. Mr. Viswanadham Ravuri 60. Mr.E.R.Praveen Kumar 61. Mr. A. Narayana Kiran 62. Mr. K. S. N. Raju 63. Mrs. K. Priyanka 64. Mr. T. Sairam Vamsi 65. Mr. D. Ramesh Varma 66. Mr. D. Girish Kumar 67. Mr. G. Challa Ram 68. Mr. RatikantaSahoo 69. Mr. S. Teja 70. Dr.G.R.L.V.N.S.Raju 71. Dr. P. Akhendra Kumar 72. Mr. M Padmanabha Raju 73. Mr. M .A.S. Mohan Raju 74. Ms. G. Priyanka 75. Ms. V. yamini 76. Ms. T. Sruthi 77. Mrs. K. Bhuvaneswari 78. Mr. P. Subramanyam 79. Mrs. V Radha Haneesha 80. Mr. P Narasimha Rao 81. Mrs. K. Kuruthika priya 82. Ms. N.N. S. Pravallika 83. Ms. T. Pavani 84. Mrs. P Sricharani 85. Mr. Arun Kumar P 86. Mr. M. Sarada Devi 87. Mr. D. B. N. S. Suresh Varma 88. Mr.S.VeeraBabu 89. Mr.J. Venkatesh 90. Mr.N.V.Ramana 91. Mr.B.Mahendra Chand 92. Mr.CH.V.Rama Chandra Rao 93. Mr.M.S.R. Ganesh 94. Mr.R.Pradeep Sudha 95. Mr.D.Lakshman kumar 96. Mr.K.V.S.Prasada Rao 97. Mr.E.Naga Raju

- 98. Dr.G.Durga Prasad
- 99. Mr.S.Dileep Kumar varma
- 100. Mr.K.Kalyan Sagar
- 101. Dr. SSSR Sarathbabu Duvvuri
- 102. Mr.A.Siva
- 103. Dr.B.Suresh Babu
- 104. Mr.K.Chandra sekhar
- 105. Mr.M.Praveen Kumar
- 106. Mrs.G.Bharathi
- 107. Mrs.YTR Palleswari
- 108. Mr.P.V.Rama Raju
- 109. Dr.A. Sri Krishna
- 110. Dr.C Shanmuganathan
- 111. Mr. S Sreenivasu
- 112. Mr. S. Adinarayana
- 113. Mr.G.Ratnakanth
- 114. Mr.A.Mohan
- 115. Mr.K.Ramu
- 116. Mr.V.Leela Prasad
- 117. Mr.K.Lakshmipathi Raju
- 118. Mrs.M.Suma Bharathi
- 119. Ms. G.J.Deepika
- 120. Mrs. K.Spandana
- 121. Dr. D. V. Naga Raju
- 122. Dr. Veeramanickam Murugappan
- 123. Ravi Kumar Suggala
- 124. Pavan Kumar Vadrevu
- 125. sasi kumar bunga
- 126. Padma Bellapukonda
- 127. Dr Ch Hari Krishna
- 128. Dr P Srinivasa Raju
- 129. Dr Sivakumar Krishnan
- 130. Mr. P Surya Prakash Varma
- 131. Mr N Srinivasa Rao
- 132. Mr J V Narasimha Raju
- 133. Mr. B. Satya Krishna
- 134. Mr B N Malleswara Rao
- 135. Mr.J.Teja Venkata Satish
- 136. Mr.D.Madhav
- 137. Ms. Y Mounika
- 138. Mr. V. Lakshmi Narayana
- 139. Mr. Manoneet Kumar
- 140. Mr. U Dhana Satya Prathap Varma
- 141. Mr. K Raghavendra Sai
- 142. Dr. G. Subbaraju
- 143. Mrs. J. Swarna Jyothi
- 144. Ms. A. Bharatha Lakshmi
- 145. Mr. Ch. Anudeep
- 146. Mr. M. Prudhvy Raju
- 147. Ms. R. Mounika

- Mr. B. Roja Kiran
 Ms. T. Srividya
 Mrs. V.S.L.S. Anusha

		Patents :: 2		,
Application	Applicant Name	Date of	Title Of Invention	Inventor Details
Number		Filing		
202041014971 A	Shri Vishnu	04-04-2020	Development of robot	Dr. P Kiran Sree
	Engineering College		for pipeline inspection	
	For Women			
316255-001	Mr. B Satya Krishna	29-03-2019	Wheel Rim	Mr. B Satya
				Krishna
201941036277 A	Dr. Ch. Hari Krishna	20-09-2019	Exhaust System For	Dr. Ch. Hari
			Automobiles	Krishna
TEMP/E-	Shri Vishnu	28-06-2019	Automatic Monitoring	Mr.Viswanadham
1/27427/2019-	Engineering College		Device for Hydroponic	Ravuri, ECE Dept.
CHE	For Women		Farm	
TEMP/E-	Shri Vishnu	28-06-2019	Automatic Smart	Mr.Viswanadham
1/27428/2019-	Engineering College		Monitoring Device for	Ravuri, ECE Dept.
CHE	For Women		Hydroponic Farm	
			Operated by Internet	
			of Things (IoT)	
TEMP/E-	Shri Vishnu	28-06-2019	Automatic System for	Mr.Viswanadham
1/27429/2019-	Engineering College		Controlling and	Ravuri, ECE Dept.
CHE	For Women		Monitoring of	_
			Hydroponic Farm.	
TEMP/E-	Shri Vishnu	13-06-2019	Portable Olfactometer	Dr. K Puspha,
1/24812/2019-	Engineering College		Utilizing a Method for	ECE, SVECW.
CHE	for Women & Shri		Testing Smell	Dr. Mohan Varma,
	Vishnu College of		Identification and	SVCP
	Pharmacy		Olfactory Threshold	
TEMP/E-	Shri Vishnu	28-06-2019	Apparatus and Method	Dr. J Rohith Balaji,
1/27328/2019-	Engineering College		for Single Motor Drive	EEE Dept. SVECW
CHE	For Women		Testing for Electric	
			Vehicle Under	
			Different Simulated R	

Details of Patents :: 2019-20

Funded R & Projects

S. No.	Sanction File No	Name of the Project	Name of the Staff	Status	Start Date	Closin g Date	Total Amount Sanction ed in Lakhs
1	9-80/1 DC/MODROB lP olicy - 1 I 20 9 -20	MODROB Mobile Application Development Lab	Dr. D Naga Raju	Ongoing	20.7.2020		1058820
2	Ref . N o. 3 4 - 66 / 7ss / F DCISil P/ Po I i cy -t I 2019 -20	STTP (Integral transforms and their applications)	Dr. D Ravi Kiran	Ongoing	10.08.2020		299667

3	34-66 I I54 I FDC/STTP/ Poli cy -t I 20t9. 20	STTP(Additive Manufacturing for Medical and Aerospace Applications)	Dr. Ch. Hari Krishna	Ongoing	10.08.2020		395667
4	34-67 /85/FDC/FDP /P-1/2019-20	FDP(Data Science usine Pvthon)	Dr. D Naga Raju	Ongoing	30.07.2020		465000
5	84- 150/RIFD/MOD ROB/Rural/Poli cy-1/2019-20	Modrenization of Power System Lab	Dr. S M Padmaja	Ongoing	12-02-2020	11-02- 2022	1479435
6	No.DST/SEED/ SCSP/STI/2019/ 140/G	Science Technology and Innovation Hub in Shri Vishnu Engineering College for Women, Bhimavaram Block, West Godavari District, Andhra Pradesh State	Dr. G Srinivasa Rao	Ongoing	03-03-2020	02-03- 2023	3153857 0
7	34- 65/205/RIFD/S TTP/Policy- 1/2018-19	STTP Soft Computing in civil engineering	Dr. U V P Raju	Ongoing	12-02-2020	11-05- 2020	300000
8	8- 182/ROFD/RPS (Policy-1)/2018- 19	RPS performance analysis of the reverse voltage cascaded multilevel inverter for low head waterpump	Dr. G Durga Prasad	Ongoing	17-01-2020	16-01- 2023	700000
9	34- 65/204/RIFD/S TTP/Policy- 1/2018-19	STTP Electromagnetics, Microwave, RF & Antenna	Dr. S Hanumanth Rao	Ongoing	12-02-2020	11-05- 2020	300000
10	F.No. 9- 226/RIFD/MOD /Policy -1/2018- 19	MODROB (Rapid Manufacturing & 3D Printing)	Dr. P Srinivasa Raju	Ongoing	17-01-2020	16.01. 2022	1100000
11	PMKVY-TI- 2018(AICTE)	Pradahana Mantri Kaushal Vikas Yojna for Technical Institutes	Dr. VVR Maheswar Rao	Ongoing	18-02-2018	18-02- 2021	425000.0 0
12	DST/NSTMIS/0 5/159/2017-18	A Comprehensive Approach to Analayze and Stimulate outcomes of Research and Development activities in Universities	Dr. VVR Maheswar Rao	Ongoing	29-10-2018	28-10- 2021	3034000. 00
13	NRB- 427/SSB/18-19 (Noval Research Board DRDO)	Time Varying Doppler-shift compensation of FBMC- based Shallow under Water Acoustic communication systems	Dr. K Puspha	Ongoing	15-10-2018	15-10- 2021	3531318. 00
14	SEED/TIDE/20 18/112	Development and Implementation of Telephony Speech Enhancement Algorithms Using Data Hiding Techniques for Hearing- Impaired People	Dr. N Prasad	Ongoing	19-07-2019	18.07. 2022	5158843. 00

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- T Sairam Vamsi, M Vamshi Krishna, Sudheer Kumar Terlapu, Presented a paper on "Impact Analysis of block hole,flooding attacks and enhancements in MANET using SHA3 keccak", in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.
- T.Sairam Vamsi, Dr.M.Vamsi Krishna, Dr.T.Sudheer kumar, Prsented a paper on "A study on channel estimation techniques for OFDM & GFDM", in 4th International conference on Management, Sciences, Engineering and Applications organized by Centurion University of technology and management during 19-21 December 2019.
- 3. T.Sairam Vamsi, Presented a paper on "Crop Protection and Establishing E-Former's market", in Young Scientist conference-India organized by India International Science Festival-2019, Ministry of Science and Technology during 5-8th november 2019.
- 4. N PRASAD & I PAVANI presented a paper on "Fast Binary Counter Based Wallace Tree Multiplier" in 3rd International Conference on Current Research in Engineering and Technology organized by IARDET Gurgaon, held at Ramee Guestline tirupathi on 15th September 2019.
- 5. Pravallika Nanduri, M.V Ganeswararao, Presented a paper on " a low power and high switching speed voltage level shifter for dual supply applications" in 3rd international conference on current research in engineering & technology-2019 organized by international association of research and development in engineering and technology on 15th December 2019, ISBN-13:978-1692944551.
- 6. Ravuri Viswanadham,Sudheer Kumar Terlapu,SS Nayak, presented a paper on " Event Driven Sampling with Activity Selection & Asynchronous Sigma Delta Modulator" in 4th International conference on Management, Sciences, Engineering and Applications organized by Centurion University of technology and management during 19-21 December 2019.
- Ravuri Viswanadham, Sudheer Kumar Terlapu, SS Nayak, presented a paper on "Adaptive Level Cross Sampling for Next Generation Data Driven Applications" in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN: 978-981-15-3827-8.
- M. Venkata Subbarao, Sudheer Kumar Terlapu, V. V. S. S. Sameer Chakravarthy and Suresh Chandra Satapaty, "Pattern Recognition of Time-Varying Signals Using Ensemble Classifiers", in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.

- 9. Anusha Karumuri and M. Prema Kumar presented a paper on "Low-power and area efficient 2-4 & 4-16 Decoders Design using mixed logic", in 3rd International Conference on Current Research in Engineering and Technology-3RD ICCRET-2019 organized by INTERNATIONAL ASSOCIATION OF RESEARCH AND DEVELOPMENT IN ENGINEERING AND TECHNOLOGY on 15th December 2019, ISBN-13:978-1692944551.
- 10. R. Ashok Chaitanya Varma, M. Venkata Subbarao, D. Ramesh Varma and G. R. L. V. N. Srinivasa Raju, presented a paper on "HIGH THROUGHPUT VLSI ARCHITECTURES FOR VLSI SIGNAL PROCESSING" in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.
- Anusha Karumuri and M. Prema Kumar, presented paper on "Low-Power and High-Speed 2-4 & 4-16 Decoders using Modified Gate Diffusion Input (M-GDI) Technique", in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.
- 12. M. Prema Kumar, V. Veer Raju and P. Rajesh Kumar, "Image Fusion of X-ray Mammography using Weighted Averaging GA based SWT Technique", in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.
- M.Venkata Subbarao, P.Samundiswary, presented a paper on "K- Nearest Neighbours Based Automatic Modulation Classifier for Next Generation Adaptive Radio Systems" in Conference on Networks and Cryptology (NETCRYPT-2019) organized by Jawaharlal Nehru University, New Delhi during 14-16 June, 2019.
- Venkata Subbarao, T.Sudheer Kumar, G.R.L.V.N.S.Raju, P.Samundiswary, presented a paper on "Power Quality Event Recognition using Cumulants and Decision Tree Classifiers", in 8th International Conference on Innovations in Electronics & Communication Engineering (ICIECE-2019) organized by Guru Nanak Institutions, Hyderabad, during 2-3 August, 2019.
- 15. T.Sudheer Kumar, M.Venkata Subbarao, presented a paper on "On The Design and Analysis of Koch Fractal Slots for Ultra Wide Band Applications", in 5th. International Conference On Micro-Electronics, Electromagnetics And Telecommunications organized by Raghu Engineering College during 6th and 7th December 2019, ISBN : 978-981-15-3827-8.
- 16. Vagu Radha Haneesha, presented a paper on "Design and implementation of an efficient VLSI architecture for 10 T full adder used in ultra low power applications" in Springer organized by Lendi institute of engineering and technology during 1st and 2nd November 2019.
- 17. Pradeep M, S H Rao, Y S Rao, presented a paper on "Discrete Wavelet Transform Based Blind Video Watermarking Approach For Secured Indoor Content" in 4th International conference on Management, Sciences, Engineering and Applications organized by Centurion University of technology and management during 19-21 December 2019.
- 18. Kandula Bala Sindhuri, Padma Vasavi Kalluru and Dr.I.Santi Prabha, presented a paper on " Low Power and Area efficient VLSI architecture for CSLA using ZFCLOT" in International Conference on Automation Signal Processing Instrumentation and COntrol (ICASIC 2020) organized by VIT-Vellore on 27th feb 2020.
- 19. K. Padma Vasavi presented a paper on "Indian Currency Note Recognition System with Natural Dialect Audio Feedback for Visually Challenged People using Convolution Neural Networks", in Secure Knowledge Management (SKM 2019) organized by BITS-Pilani, Goa Campus during 21-22 December 2019, ISBN: 978-981-15-3816-2.

- 20. Ch Hari Krishna Influence of anisotropy on the formability limits of AA2014+%fly ash i. during upsetting, Malaysia-Singapore Research symposium 2019, "sustainable Development in Mechanical engineering National University of Singapore, 5/Nov/2019.
- 21. Ch Hari Krishna Influence of reinforcements in formability limits of A713 alloy Malaysia-Singapore Research symposium 2019, "sustainable Development in Mechanical engineering National University of Singapore, 5/Nov/2019.
- 22. Ch Hari Krishna Modeling of Cylindrical Upsetting Process for Enhanced Ductile Fracture 2nd Iternational conference on Recent Trends in Metallurgy , Materials Science and Manufacturing IMME19 27-28Dec -2019.
- 23. Y Mounika Dry sliding wear behaviour of magnesium matrix composite reinforced with nano TiN particulates Malaysia-Singapore Research symposium 2019, "sustainable Development in Mechanical engineering National University of Singapore, 5/Nov/2019.
- 24. Y Mounika Dry sliding wear behaviour of graphene oxide-based polyamide nanocomposites Malaysia-Singapore Research symposium 2019, "sustainable Development in Mechanical engineering National University of Singapore, 5/Nov/2019.
- 25. Gireesh Kumar Pala, Jayanaga Bhavitha Vetukuri, Krishna Punya Prasanthi Lokam and Mounika Devi Jogi (2019) "Level of Service of Urban and Rural Roads - A Review", Societal Engineering – Imperatives for Nation Building, Technical Volume 2019, 34 th Indian Engineering Congress, ISBN 978-81-942561-5-1, pp. 204-210, Dec.
- Pala Gireesh Kumar (2020) "Application of Nano Silica to Improve Self-Healingvof Bitumen Mixtures", International Congress on Engineering, Sciences and Innovative Technologies (ICESIT 2020), Kuala Lumpur, Malaysia, Feb 13-14, 2020.
- 27. Gireesh Kumar Pala, Karuna Kumari, Priyanka Abhirami, VinyaSri and Akhila (2020) "A Review on Disaster Mitigation and Strategies in a Global Context", International Conference on Disaster Mitigation and Management in Global Context by Institute of Engineers (India), Bhubaneswar, Odisha. March.
- 28. Paravathi devi. A, Mallika. A, C. Uheetha Ramya and V. Mounika, Study on Dynamic behavior of elevated water tank for different staging patterens, International conference on Emerging Technologies in Civil Engineering(ETCE-2020), March 6-7,2020.
- Dr.J.Rohith Balaji, "Performance Analysis of DTC-IM Drive with Hybrid SVC Modulated ASCHB-MLI", IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP 2019conducted by IIITDM, Kanchipuram, Tamilnadu. DOI: <u>10.1109/ICESIP46348.2019.8938230</u>, ISBN: 978-1-7281-0419-5, July 2019
- Dr.G.Durga Prasad, "Performance Analysis of Multi-level Inverter Using Phase Disposition with various Carrier Signal Arrangements", International Conference on Automation, Signal Processing, Instrumentation and Control (ICASIC 2020), VIT (Deemed to be University), Feb 2020.
- 31. Dr. SSSR Sarathbabu Duvvuri, "Solar Electric Bicycle using Permanent Magnet Direct Current Motor: A Realistic Prototype", International Conference on Intelligent Computing and Smart Communication Technologies (ICSCT-2019),organized by Anurag Group of Institutions, Hyderabad July, 2019.
- 32. Dr. SSSR Sarathbabu Duvvuri, "Extended State-Space Model of Dual-Stator Winding Induction Motor: A Simulation Study" International Conference on Smart Energy Systems and Electric Vehicles (ICSESEV), VRSEC Vijayawada, Jan, 2020.
- 33. Mr.B.Ramu, "Solar Electric Bicycle using Permanent Magnet Direct Current Motor: A Realistic Prototype", International Conference on Intelligent Computing and Smart Communication Technologies (ICSCT-2019), organized by Anurag Group of Institutions, Hyderabad July, 2019.

- 34. Mr.B.Mahendra Chand, "Restructuring and Development of Conventional Bike for Electric Vehicle Applications", International Conference on Intelligent Computing and Smart Communication Technologies (ICSCT-2019),organized by Anurag Group of Institutions, Hyderabad July, 2019.
- 35. Mr.J.Venkatesh, "Activity-Based Learning (ABL) of Power Systems I (PS-I) and Microprocessors and Microcontrollers (MPMC) Courses", International Conference on Best Teaching Practices in Engaged Student Learning organized by BITS PILANI, Goa Campus held from (13-15) February,2020.
- 36. Dr P S Brahmanandam, A review of possible studies of Earth's Atmospheric and Ionosphere using COSMIC radio occultation (RO) retrieved data products, Andhra Pradesh Akademi of Sciences (APAS), Andhra Pradesh Science Congress (APSC-2018)
- 37. Dr P S Brahmanandam, Variation of TEC over different longitudes and latitudes of North American sector during the 21st August 2017 total solar eclipse, Andhra Pradesh Akademi of Sciences (APAS)
- Dr P S Brahmanandam, Nanocomposites and their potential applications in space- A review, Natl. Conference on Forays of nanotechnology research into multidiscipline, FONAREM-2020, Govt. Degree College, Ravulapalem, E. G. Dt., AP, Indi
- 39. Dr.G.Subbaraju, M.Prudhvy Raju, Dharma of Corporate Governance: Recitations from Tata-Mistry Affray, International Conference on Corporate Spiritual and Social Responsibility: Redefining Human, Society and Corporate Relationship at Indus Business Academy Bangalore, September 20-21,2019
- 40. Dr.G.Subbaraju, M.Prudhvy Raju, 'Indian Start Ups', National online Symposium on "NEW VISTAS OF GLOBAL ECONOMIC SLOWDOWN WITH SPECIAL REFERENCE TO INDIA: STRATEGIC REFORMS FOR RECOVERY" jointly organized by the Departments of Commerce & Economics, Government Degree College, May 26, 2020
- 41. Dr.G.Subbaraju, M.Prudhvy Raju, 'Covid-19: Lessons to Ponder', One-Day National E-Conference on Human Values: Post-COVID 19, June 14, 2020
- 42. S.Adinarayana, A Hybrid Inbalanced Data Learning Framework to tackle Opinion Imbalance in Movie Reviews, International Conference on Information System Design and Intelligent Applications (INDIA 2019), Lendi Institute of Engineering & Technology(A), Vizianagaram,, 01.11.2019-02.11.2019
- 43. S.Adinarayana, Design and Implementing of an Efficient VLSI Architecture for IoT Full Adder Used in Ultra Low Power Applications, International Conference on Information System Design and Intelligent Applications (INDIA 2019), Vizianagaram, Lendi Institute of Engineering & Technology(A)',01.11.2019-02.11.2019
- 44. Mohan Allam, Hybrid Feature selection using Binary Teaching Learning based optimization and Regularized Neighborhood component analysis Algorithms, Pondicherry University, Pondicherry University, 27-12-2019- 28-12-2019
- 45. Dr.A.Sri Krishna,one day conference on Global Women in Data Science (WiDS),Hyderabad,Amazon Development Centre India Pvt Ltd',15.02.2020
- 46. M. Narasimha Raju, 360 Degree Fish Eye Time Lapped Image Motion Using Multi Grand Image Seeker Technique" International Conference on "Advances in Computing and Information Technology (ICACIT-19)" during 24-25 Sep 2019 at Annamalai University, Chidambaram,ICACIT
- 47. M. Narasimha Raju, "Intelligent digital transformation mechanism of 2D Image to realistic 3D object using image processing algorithm" International Conference on Advances in Electronics and Communication Engineering(ICAECE-2019) during 09-10 July 2019 at CMR College of Engineering & Technology, Hyderabad.

Photo Gallery

✓ 11.03.2020 : Students Interaction with Dr. Tejaswini Manogna, Divine Miss Earth India, 2019.



✓ 08.03.2020 : International Womens Day and Annual Day Celebrations...



✓ 08.03.2020 : Placements Success Meet Celebrations...



28.02.2020 : Celebrations of National Science Day @ ISTE Student Chapter.



25.01.2020 : Congratulations to "E-ZibaRacers" won Overall Championship @ BAJA SAE India-2020.



24.01.2020 : Vikram Sarabhai Centenary Programme @ SVECW



06.01.2020 : Students Interaction with Nandini Sarkar, Global Equity, Diversity & Inclusion Leader - India, Boeing



06.01.2020 : Sankranthi Sambaralu @ SVECW





01.01.2020 : New Year Celebrations @ SVECW

03.12.2019 : 10th ATL project Distribution Event on International Day of Person with Disabilities @ ATL.







20.07.2019 : Celebration of Graduation Day - Vishnotsav 2k19

