

**CURRICULUM - VITAE****M. JAGAPATHI RAJU***Professor and Principal**Contact Details :*

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9448773515 📞

**EDUCATION QUALIFICATION**

Doctor of Philosophy 1999	University	A.U college of Engineering (A), Visakhapatnam 530003 Geotechnical and Ground Water Engineering
Master of Engineering 1986	University	IIT Kharagpur Highway and Traffic Engineering
Bachelor of Engineering 1982	University	Bangalore University Civil Engineering

Project/Thesis:

*Ph.D.: Integrated ground water studies and evaluation of alluvial aquifers in Penner River Basin, Nellore district, A.P., India*

**TEACHING/INDUSTRY EXPERIENCE**

S. No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment	Type of service Govt. Aided/ Un Aided/ Private/ Recognized
			From	To			
1	Lecturer	S.R.K.R.E.C Bhimavaram	March 1983	March 1990	7 Years	Teaching	Private
2	Reader	S.R.K.R.E.C Bhimavaram	April 1990	March 2001	11 Years	Teaching	Private
3	Professor	S.R.K.R.E.C Bhimavaram	April 2001	July 2008	7 Years 4 Months	Teaching	Private

4	Principal	West Godavari Institute of Science & Engineering, Tadepalli Gudem	August 2008	May 2009	10 Months	Teaching, Administration	Private
5	Principal <b>(Ratified by JNTUH)</b>	MNR College of Engg. Sangareddy	June 2009	June 2010	1 Year	Teaching, Administration	Private
6	Professor & HOD <b>(Ratified by Andhra University &amp; JNTUK)</b>	S.R.K.R.E.C Bhimavaram	July 2010	March 2019	8 Years 9 Months	Teaching, Administration	Private
7	Vice-Principal (Academics) & Principal (I/c)	S.R.K.R.E.C Bhimavaram	April 2019	Aug 2019	5 Months	Administration	Private
8	<b>Principal</b>	S.R.K.R.E.C Bhimavaram	Sept 2019	Till now	Continuing	Administration	Private

1. **Total Experience:** Teaching: **36 Years**  
Research: **30 Years**

- Recognized as a Research Guide for Andhra University and JNTUK
- Guiding Ph.D student Mr. Trinadh Varma Penumatsa, Thesis title: “A study on effect of subgrade on performance of roads on banks of canal/drains” registered under Andhra University.
- Appointed as Referee by Sant Gadge Baba Amaravati University, Amaravathi to evaluate the thesis “Performance evaluation of rotating waste water treatment” of Mr. Sri P.A. Kadu in 2013 & 2014.

### **DISTINCTIONS/ACHIEVEMENTS**

- **Ratified as a Principal** of MNR College of Engineering & Technology by Jawaharlal Nehru Technological University Hyderabad in 2010.
- **Ratified as a Professor**, Department of Civil Engineering, SRKR Engineering College by Andhra University in 2014.
- **Ratified as a Professor**, Department of Civil Engineering, SRKR Engineering College by JNTUK in 2017.
- **Principal** of SRKR Engineering College from Sept 2019 onwards.
- Worked as a **Vice-Principal (Academics) & Principal (I/c)** from April to Aug 2019.

- **APEAMCET-2020 Test Committee Member** nominated by A.P. State Council of Higher Education.
- **APECET-2019 Admission Committee Member** nominated by A.P. State Council of Higher Education.
- **Chairman, Academic Council** of SRKR Engineering College.
- **Chairman, Combined Board of Studies** of SRKR Engineering College.
- **Member, Board of Studies** in Civil Engineering of SRKR Engineering College.
- **President of Institution Innovation Council (IIC)** of SRKR Engineering College.
- **Chief-Superintendent** for EAMCET – 2019, ICET-2019, EDCET-2019, LAW CET-2019 and JEE Mains 2019 conducted at SRKR Engineering College.
- Received **Best Teacher Award** on the eve of Dr. Sarvepalli Radha Krishna Jayanthi Celebrations on 5<sup>th</sup> Sept 2019.
- **External Research Advisory Member** for Palavi Trust, Non-Governmental Social Organization, Pune from 2019.
- Served as an **Examiner** for setting question papers for the subject Transportation Engineering for Swarnandhra College of Engineering & Technology in 2016.
- Served as a **Board of Studies Member** for Civil Engineering Department of Andhra University from 2011 to 2014.
- Served as a **Chief Superintendent** for B.E year-end A.U. Examinations in 2011.
- Served as a **Chief Examiner** for B.Tech (Civil Engineering) Laboratory Examinations (External).
- Worked as **Principal** in WISE & MNR CET during the lien period from 02.08.2008 to 01.06.2010
- Served as a **Selection Committee Member** in Andhra Pradesh Horticultural University, Venkataramannagudem.
- **Panel Judge** for Student Technical Paper Presentation in RACE-GECFEST'19 held at Gudlavalleru Engineering College, Gudlavalleru.
- **Judge** for Paper and Poster Presentations of national level student technical fest TECH FEST 2K16 held at Srinivasa Institute of Engineering & Technology.
- **Conference Chair** for Paper Presentation Session of International Conference on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI) 2016 held at SRKR Engineering College.

## RESEARCH EXPERIENCE

### (a) Research Papers Published in Journals

S No	Author (s) Name	Title of the Research Paper	National / International	Year	Name of the Journal	Vol	Issue	Pages
1	Vamsi Nagaraju. T, Durga Prasad. Ch and Jagapathi Raju. M,	Prediction of California bearing ratio using particle swarm optimization	International	2020	Advances in Intelligent Systems and Computing	1048		795-803
2	B.R. Phani Kumar, Jagapathi Raju M, E. Ramanjaneya Raju	Compaction and strength behavior of an expansive clay modified by lime and quarry dust	International	2019	Current Trends in Civil and Structural Engineering		DOI: 10.33552/CTCSE.2019.04.000582	
3	B.R. Phani Kumar, Jagapathi Raju M, Ramanjaneya Raju E	Silica fume stabilization of an expansive clay sub grade and the effect of silica fume-stabilized soil cushion on its CBR	International	2019	Geomechanics and Geo-Engineering		Published online. <a href="https://doi.org/10.1080/17486025.2019.1620348">https://doi.org/10.1080/17486025.2019.1620348</a>	
4	K.M. Ganesh, M. Jagapathi Raju, D.S.V. Prasad	Prioritization of Sub basins and Delineation of Suitable Zones for Artificial Ground water recharge of Nakrekal basin, Nalgonda District, Telangana state, India using GIS and Remote Sensing Tools	International	2019	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878	8	1S3	282-287

5	K.M. Ganesh, ASS Vara Prasad, M. Jagapathi Raju	Experimental Study on Building Demolished Waste Stabilized Expansive Soil with Potassium Chloride	International	2017	International Journal of Engineering & Technology	7	3.31	214-218
6	P.Trinadh Varma M.Jagapathi Raju U. Pradeep Varma	Analysis and Estimation of Parking Parameters of Bhimavaram Town – Andhra Pradesh– India	International	2017	International Journal of Control Theory and Applications	10	2	119-130
7	P. Trinadh Varma M. Jagapathi Raju Dr. CNVS Reddy	Functional Evaluation of Canal Bank Roads using Merlin	International	2016	International Journal of Research in Engineering	4	10	08-12
8	Ch.J. Pavany Samuel D G. Sri Bala M.Jagapathi Raju	A Study of Ground Water Quality in the Coastal Slum area Peda Jalaripeta of Visakhapatnam by Nemerow's Pollution Index Method during Post-Monsoon	International	2016	Journal of Chemical and Pharmaceutical Sciences	--	10	94-98
9	M.Jagapathi Raju, P.A.R.K Raju M.S.R. Reddy, G. Suri Babu J. Jeevan Kumar	Evaluation of the quality of drinking water sources with reference to physico- chemical and microbiological parameters in the villages of Venkayya-Vayyeru canal area, W.G.Dt., A.P. India	International	2016	Journal of Chemical and Pharmaceutical Sciences	--	10	59-66

10	P.A.R.K. Raju, M. Jagapathi Raju, M.S.R. Reddy, K. Niharika, G. Suri Babu	Assessment of the Drinking Water Quality Sources, Western Delta, West Godavari, Andhra Pradesh, India: A Case Study	International	2016	Journal of Chemical and Pharmaceutical Sciences	--	10	13-16
11	M Jagapathi Raju, PARK Raju, V. Vanisree P. Raghuram T. Rambabu, K. Niharika	Contamination of irrigation canals and its impact on human beings and livestock	International	2016	International Journal of Research & Development Organisation (JRDO) – Journal of Mech and Civil Engg	2	9	01-11
12	M Jagapathi Raju, PARK Raju M.S.R. Reddy, G.Suribabu K.Niharika	Microbiological contamination of Drinking water in Western Delta of West Godavari District, A.P., India	International	2016	International Research Journal of Environmental Scinces (IRJES)	5	10	01-05
13	M. Jagapathi Raju, V. Vanisree, P.A.R.K. Raju, G. Sribala	Role of Macrophytes in self-purification of ponds	International	2015	International Society For Green, Sustainable Engineering And Management	--	15	62-73
14	M.Jagapathi Raju PARK Raju MSR.Reddy P.Raghuram G.Suri Babu	Drinking water status of Eluru canal area – West Godavari District, Andhra Pradesh: A case study	International	2016	International Journal of Education and Applied Research (IJEAR)	6	2	09-14
15	G. Sribala K. Niharika PARK Raju M.Jagapathi Raju	Classification of River water quality using irrigation indices - A case study of river Godavari	International	2016	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	4	11	179-183

16	PARK Raju, M.Jagapathi Raju B.J. Reddy	Delineation of Geomorphic land forms through remote sensing studies surrounding Kolleru lake area	National	1996	MAEER'S, MIT,Pune, Journal	4	-	126-128
17	PARK Raju, B.J. Reddy TVSRK Sagar M.Jagapathi Raju	Aquifer evaluation in parts of Godavari Delta	National	1992	Water, Ecology, Pollution and Management Journal	1	-	211-228

***(b) Research Papers Published in Conferences***

<b>S No</b>	<b>Author (s) Name</b>	<b>Title of the Research Paper</b>	<b>National/ International</b>	<b>Year of Publication</b>	<b>Place</b>
1	M.J.Raju et al.	Evaluation of the Quality of Drinking Water Sources with Reference to Physico-Chemical and Microbiological Parameters in the Villages of Venkayya-Vayyeru CanalArea, W.G. Dt., A.P. India	International Conference on Emerging and Multidisciplinary Research and Computational Intelligence (ICEMRCI)	15 <sup>th</sup> -16 <sup>th</sup> December, 2016	SRKREC, Bhimavaram
2	M.J.Raju et al.	Assessment of the Drinking Water Quality Sources, Western Delta, West Godavari, Andhra Pradesh, India: A Case Study	International Conference on Emerging and Multidisciplinary Research and Computational Intelligence (ICEMRCI)	15 <sup>th</sup> -16 <sup>th</sup> December, 2016	SRKREC, Bhimavaram
3	M.J.Raju et al.	River Bank filtration and ground water quality incoastal areas of Godavari delta	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra	27 <sup>th</sup> - 28 <sup>th</sup> , October, 2016	Geospatial Information Centre (GIC), Dept. of Civil Engineering SRKREC, Bhimavaram

4	M.J.Raju et al.	Assessment of Water quality for irrigation water bodies of eluru stream, Godavari river west Godavaridistrict, A.P., India	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India	27 <sup>th</sup> - 28 <sup>th</sup> , October, 2016	Geospatial Information Centre (GIC), Dept. of Civil Engineering SRKR Engineering College, Bhimavaram
5	M.J.Raju et al.	Assessment of the drinking water status of west Godavari western delta (16-15)	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India	27 <sup>th</sup> - 28 <sup>th</sup> , October, 2016	Geospatial Information Centre(GIC), DepT. of Civil Engineering SRKR Engineering College, Bhimavaram
6	M.J.Raju et al.	Assessment of the quality of the drinking water: ground water verses surface water in west Godavari western delta, A.P., India	3 <sup>rd</sup> National Conference on Water Environment and Society (NCWES-2016)	6 <sup>th</sup> -8 <sup>th</sup> June 2016	JNTUH Hyderabad
7	M.J.Raju et al.	Evaluation of the Quality of drinking water sources with reference to Physico- Chemical and Microbiological parameters in the villages of Venkayya-Vayyeru Canal area, W.G.Dt., A.P. India	National conference on Water, Environment and Society.	30 <sup>th</sup> -31 <sup>st</sup> July 2015	JNTUH, Hyderabad
8	M.J.Raju et al.	Traditions And Customs In The Contamination of Drinking Water Sources	“Drinking water quality” with special emphasis on Impact of Agriculture and Aquaculture Practices in coastal tracts of Godavari delta, Andhra Pradesh	28 <sup>th</sup> -29 <sup>th</sup> August 2015	Department of Civil Engineering, SRKR Engineering College Bhimavaram



9	M.J.Raju et al.	Determination of Water Quality Index and suitability of water bodies of Gostani canal of River Godavari, Western Delta, West Godavari	“Drinking water quality” with special emphasis on Impact of Agriculture and Aquaculture Practices in coastal tracts of Godavari delta, Andhra Pradesh	28 <sup>th</sup> -29 <sup>th</sup> August 2015	Department of Civil Engineering, SRKR Engineering College Bhimavaram
10	M.J.Raju et al.	Drinking water quality in the villages of western delta of West Godavari District (24-32)	“Drinking water quality” with special emphasis on Impact of Agriculture and Aquaculture Practices in coastal tracts of Godavari delta, Andhra Pradesh	28 <sup>th</sup> -29 <sup>th</sup> August 2015	Department of Civil Engineering, SRKR Engineering College Bhimavaram
11	M.J.Raju et al.	Evaluation of Alluvial aquifers in Pennar basin, Nellore District, A.P,	Nationalseminar on Groundwater salinity, water resource development and management of pura Alluvial basin, Maharashtra	28 <sup>th</sup> Jan, 1999	Maharashtra
12	M.J.Raju et al.	Deciphering Ground water using remote sensing techniques on coastal tracts of Nellore District, A.P.	Proceedings of the National Conference on Emerging trends in the development of sustainable ground water sources	27 <sup>th</sup> -28 <sup>th</sup> August, 1997	Andhra University, Waltair
13	M.J.Raju et al.	Integrated ground water studies and evaluation of Alluvial aquifers in Pennar River basin, Nellore district, A.P.	National Conference on Environmental hydraulics and free surface flows	21 <sup>st</sup> -22 <sup>nd</sup> February, 1997	Andhra University, Waltair
14	M.J.Raju et al.	Chloride concentration in parts of W.G.Dt and Its effects on corrosion	National Seminar on Corrosion and Concrete and other building materials	24 <sup>th</sup> -25 <sup>th</sup> March, 1990	S.R.K.R.Engineering College, Bhimavaram

15	M.J.Raju et al.	Hydro chemical investigations for delineation of corrosive zones parts of W.G.Dt., A.P.	National Seminar on Corrosion and Concrete and other building materials	24 <sup>th</sup> -25 <sup>th</sup> March,1990	S.R.K.R.Engineering College, Bhimavaram
16	M.J.Raju et al.	Strength characteristics of stabilised beach sand with lime and flyash	Indian Geo- technical conference –89	14 <sup>th</sup> -16 <sup>th</sup> , Dec-,1989	Andhra University, Waltair
17	M.J.Raju et al.	Effects of temperature on strength characteristics of stabilised clayeysoils	Indian Geo- technical conference –89	14 <sup>th</sup> -16 <sup>th</sup> , Dec-,1989	Andhra University, Waltair
18	M.J.Raju et al.	Geo-electrical Investigations for delineation of aquifers and for deciphering the paleo-environmental conditions in parts of W.G.Dt., A.P.	Nationalseminar on Sea Level variation and its Impact on Coastal Environment	24 <sup>th</sup> -25 <sup>th</sup> June,1989	Tamil University, Thanjavur
19	M.J.Raju et al.	Identification of sea level fluctuations in part of Coastal tracts of W.G. Coastal zone on the basis of hydro chemistry	National Seminar on Sea Level variation and its Impact on Coastal Environment	24 <sup>th</sup> -25 <sup>th</sup> June,1989	Tamil University, Thanjavur

### WORKSHOPS/STTP/EVENTS ATTENDED

S No	Name of the Program	Place	Period	
			From	To
1	First CET Committee meeting of APEAMCET-2020	APSCHE Conference Hall, Tadepalli, Guntur	10.02.2020	-

2	MSME-Orientation Workshop on Incubation	Dr. Ambedkar International centre, New Delhi	30.01.2020	-
3	Chief Patron for Awareness camp on Electricity Department organized by Commissioner of Civil Supplies, Vijayawada.	S.R.K.R. Engineering College	04.12.2019	-
4	Principal Leadership Development Program-Courageous Principals by Deloitte, Hyderabad	DU Leadership Centre, Hyderabad	27.11.2019	29.11.2019
5	Awareness Raising and Networking Event, EU-India Joint Call on Smart and Integrated Local Energy Systems	The Galaxy club, Bangalore.	19.11.2019	-
6	One Day Workshop non Quality enhancement, assessment and accreditation of Engineering Colleges	Organized by Andhra Pradesh State Council of Higher Education (APSCHE) in association with JNTUK, Kakinada	11.11.2019	-
7	Faculty Development Programme on Universal Human Values	SRKR Engineering College	02.11.2019	-
8	Principals Meet with Deloitte Team as part of Industry Academia Connect by Andhra Pradesh State Skill Development Corporation (APSSDC)	APSSDC Head Office, Tadepalli, Guntur	29.10.2019	-
9	IIC 2.0 orientation session, SWAYAM & AICTE Initiatives, ARIIA 2020 Orientation Session	Central University, Hyderabad	02.08.2019	-
10	Presented power point presentation on AICTE Margdarshan Scheme to justify the proposal for sanction.	AICTE Head Quarters, New Delhi	18.07.2019	-
11	APECET-2019 First Admission Committee Meeting by Andhra Pradesh State Council of Higher Education (APSCHE)	APSCHE Office, Tadepalli, Guntur	07.06.2019	-

12	Andhra Pradesh State Council of Higher Education (APSCHE) Meeting of the Private Autonomous Engineering Colleges for discussions over the Proposal for Common Curriculum and Syllabus	Acharya Nagarjuna University, Guntur	21.05.2019	-
13	AICTE-MHRD Regional Sensitization Workshop on IIC, ARIIA and SIH	SRKR Engineering College	10.01.2019	-
14	One-Day Workshop on “Emerging Trends in Knowledge Societies: Universities/Institutes & their social responsibilities organized under Unnat Bharat Abhiyan Cell	SRKR Engineering College	21.12.2018	-
15	Aquaculture and its Impact on Environment using Spatial Technologies with special emphasis on Godavari-Krishna Deltaic Region	SRKR Engineering College	15.12.2017	16.12.2017
16	A Workshop on Water Pollution	SRKR Engineering College	25.01.2017	-
17	Importance of Civil Engineers in Construction of best models	SRKR Engineering College	29.12.2016	-
18	Developments in Pavement Design Evaluation and Material	SRKR Engineering College	15.11.2015	17.11.2015
19	Drinking Water Quality with Special Emphasis on Impact of Agriculture and Aquaculture Practices in Coastal Tracts of Godavari Delta, Andhra Pradesh	SRKR Engineering College	28.08.2015	29.08.2015
20	Geospatial technologies: Wet land Ecosystems	SRKR Engineering College	17.08.2014	18.08.2014
21	International conference on Hydrology and Watershed Management	JNTU, Kukatpally, Hyderabad	18.12.2002	20.12.2002
22	Workshop on modeling in Hydrogeology	Anna University, Madras	03.12.2001	07.12.2001
23	National conference on Environmental Hydraulics and free surface flows	A.U, Visakhapatnam	21.02.1997	22.01.1997

24	International Seminar on Hydrology with a special colloquium on Environmental problems and water resources of Himalayan region	Katmandu, Nepal	19.04.1993	21.04.1993
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### WORKSHOPS/FDPS CONDUCTED

S No	Name of the workshop/ STTP/ FDP	Place	Period	
			From	To
1	SPARDHA 2K19, 24 Hrs Hackathon	SRKR Engineering College	20.12.2019	21.12.2019
2	SANKALP- National Level Student Techno-Cultural Symposium	SRKR Engineering College	20.12.2019	21.12.2019
3	AICTE Sponsored National Conference on Productivity, Quality, Reliability, Optimization and Computational Modeling (NCPQRCM-2019)	SRKR Engineering College	18.12.2019	20.12.2019
4	Workshop on Outcome Based Education	SRKR Engineering College	14.12.2019	15.12.2019
5	Workshop on Internet of Things	SRKR Engineering College	28.11.2019	29.11.2019
6	Workshop on Opportunities of Indo-European collaboration and its benefits for Academia	SRKR Engineering College	20.11.2019	-
7	AICTE-Sponsored Two Week FDP on Deep Learning and Big Data Analytics	SRKR Engineering College	02.11.2019	14.11.2019
8	One day FDP on Universal Human Values	SRKR Engineering College	02.11.2019	-
9	One week FDP on Emerging Challenges in Grid Integrated Renewable Energy Systems.	SRKR Engineering College	21.10.2019	25.10.2019
10	CISCO Women Rock IT for first year girl students	SRKR Engineering College	17.10.2019	-
11	Motivational Speak – My Story-Innovator's Life & Crossroad-by Innovator Kishore Kothapalli, Vice- President, State Street Corporation, USA.	SRKR Engineering College	14.09.2019	-

12	Motivational Speak by Entrepreneur Kakarlapudi Raj Sekhar, Managing Director, SME & Strategic Advisor in Cyber Security, Vijayawada.	SRKR Engineering College	07.09.2019	-
13	2 Day Workshop on Artificial Intelligence and Machine Learning	SRKR Engineering College	07.09.2019	08.09.2019
14	One Day Workshop on Entrepreneurship and Innovation as Career opportunity for first year students	SRKR Engineering College	22.08.2019	-
15	Induction Program for B.Tech First year students	SRKR Engineering College	09.08.2019	22.08.2019
16	3 day Workshop on Youth Empowerment Skills for 1 <sup>st</sup> year students	SRKR Engineering College	19.08.2016	21.08.2019
17	AICTE sponsored Two Week FDP on Digital Image Processing for Medical Images	SRKR Engineering College	05.08.2019	17.08.2019
18	Workshop on Organic Farming and Chemical for Living	SRKR Engineering College	01.08.2019	-
19	One day Workshop on Design Thinking	SRKR Engineering College	20.07.2019	-
20	One Week FDP on Research Methodology	SRKR Engineering College	08.07.2019	12.07.2019
21	One Week FDP on ASIC/FPGA Design	SRKR Engineering College	24.06.2019	29.06.2019
22	One Day Workshop on Python under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD, Govt. of India	SRKR Engineering College	22.06.2019	-
23	Workshop on Protection of Environment	SRKR Engineering College	06.06.2019	-
24	AICTE sponsored FDP on Latest software applications in Civil Engineering (Grant sanctioned Rs 6,74,775-00)	SRKR Engineering College	23.10.2017	04.11.2017
25	National Level Workshop on Innovation and Incubation centers in Engineering colleges in association with NITI Aayog	SRKR Engineering College	09.03.2017	-

26	Utilization of Godavari Waters in New Millennium	SRKR Engineering College	18.10.2004	-
27	Kolleru Lake Stakeholders workshop	SRKR Engineering College	21.11.2006	-
28	National level student conference on New Trends in Civil Engineering	SRKR Engineering College	2014	-

***Social Awareness Programs Organized:***

<b>S No</b>	<b>Name of the Event</b>	<b>Date of the Event</b>	<b>Place</b>
1	Pragnya-Science Fair organized at Zilla Parishad High School, Palakoderu.	14.10.2019	Palakoderu, West Godavari Dist, A.P.
2	Plastic Awareness Program on Gandhi Jayanthi and Plastic Spider made by SRKR students was inaugurated by Sri Kanumuri Raghurama Krishnam Raju garu (MP Lok Sabha).	02.10.2019	S.R.K.R Engineering College, Bhimavaram
3	Field/Exposure visit to village to identify real life problem on Plastic Body Awareness	21.09.2019	Pedamiram village, West Godavari District
4	Swami Raghunayakananda, Director, Vivekanada Cultural Centre, Chennai visited SRKR and delivered a speech on Personality Development.	10.09.2019	S.R.K.R Engineering College, Bhimavaram
5	Vanamahotsavam-Tree Plantation	11.08.2019	S.R.K.R Engineering College, Bhimavaram
6	5 <sup>th</sup> International Day of Yoga	21.06 2019	S.R.K.R Engineering College, Bhimavaram

***(c) Details of Research Projects as Principal Investigator***

<b>S No</b>	<b>Title of the Project</b>	<b>Amount Sanctioned</b>	<b>Issued Authority</b>	<b>Status</b>	<b>Year of Sanction</b>
1	Assessment of the quality of drinking water sources of Godavari western delta, West Godavari District, Andhra Pradesh, India.	35.438 Lakhs	Technology Mission Cell: Solar energy and Water, DST New Delhi	Completed	2014

2	Modernization of Geotechnical Engineering Laboratory	10.97 Lakhs	AICTE, New Delhi	Ongoing	2019
3	Share and Mentor Institutions (Margdarshan)	20.00 Lakhs	AICTE, New Delhi	Ongoing	2019

*(d) Details of Research Projects as Co-Investigator*

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction
1	Impact of aquaculture on soils and groundwater quality in parts of the coastal tracts of Godavari central delta	29.93 Lakhs	DST (Mission Cell : Solar energy and Water), New Delhi	Completed	2012

*(e) Details of Faculty Development Programs/Workshops etc. as Coordinator*

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction
1	Faculty Development Program on “Latest Software Applications in Civil Engineering”	6.74775 lakhs	AICTE, New Delhi	Completed 23.10.2017 to 04.11.2017	2017
2	Entrepreneurship Awareness Camp (EAC) under DST-NIMAT	20000	Entrepreneurship Development Institute of India (EDII), Gujarat	To be organized during 28-30, November 2019	2019

**Achievements:**

- As a Principal of S.R.K.R. Engineering College the achievements undertaken are:
  - a. Framed R19 Academic Regulations for B.Tech & M.Tech
  - b. Framed R19 syllabus for first year students of B.Tech & M.Tech
  - c. Framed the R17 syllabus for 3<sup>rd</sup> year students and R16 syllabus for 4<sup>th</sup> year students
  - d. 18 companies visited the campus to recruit 2020 outgoing batch students and



725 students placed.

- e. Established 9 Start-ups sanctioned under AICTE SAMRIDDHI-Startup of SC/ST students Scheme
  - f. Established Centre of Excellence “**Sustainable Habitats and Renewable Energy Engineering Research Centre (SHREE)**” in November 2019.
  - g. Established **NSS Unit**, sanctioned by JNTUK.
  - h. SRKR received Brainfeed Higher Education Awards 2019 in the category of **Outstanding Contributor to Leadership Development**.
  - i. SRKR received **Iconic Engineering College in AP** award for the year 2019 by TIME CyberMedia Pvt. Ltd.
  - j. SRKR received **Top Engineering College of Eminence in India 2019** by Competition Success Review Magazine.
  - k. SRKR received Appreciation Award and felicitation from APSSDC and APS European Centre for Mechatronics for setting-up of “Indo European Skilling Centres for Mechatronics and Industrial Robotics” and for successfully completing the ARC 1.0 Course.
  - l. The college received sponsored research projects or worth Rs. 61.10 lakhs in 2019
  - m. Mechanical 3<sup>rd</sup> year engineering students won **Best Design Award** for All Terrain Vehicle, **Best Lady Driver Award** for girl student and **Dronacharya Award** for the Mentor in National Level Rally Car Design Challenge held in Biknoor, Rajasthan.
  - n. 124 first year students got selected for Pragati Scholarships.
  - o. Collaborated with Apply Volt, Vijayawada for research programs, projects and student internships on 29.06.2019
  - p. Collaborated with Tvameva Social Impact and Development Foundation (TSIDF) to take forward the activities of Unnat Bharat Abhiyan Cell on 22.07.2019.
  - q. Collaborated with Indian Institute of Technology Tirupati (IITT) for educational and scientific cooperation in the fields of Water and Wastewater Treatment, Waste Management and Remediation Technologies on 02.08.2019.
  - r. Collaborated with SD Motor Speeds for Research and Skill Development Activities on 20.09.2019.
- Established **R & D Centers** in the Dept. of Civil Engineering as **Head**
    - a. Geo-spatial Information Centre(**GIC**)
    - b. Water and Environment Technology(**WET**) Research Centre
    - c. Kolleru Lake Information Centre (**KLIC**)
    - d. Delta Research and Extension Centre (**DREC**)
    - e. Space Research Technology Centre (**STRC**)
  - In- Charge for Survey Laboratory from 1986 to 2018.
  - In- Charge for Transportation Engg. Laboratory from 1986 to 2018.

- Successfully completed **2 Research Projects** funded by **DST**, New Delhi

**Memberships:**

- Member of Institutions of Engineers (**IE**)
- Member of I.S.T.E

**Consultancies with:**

- Oil and Natural gas commission
- Indian Railways
- Roads and Buildings
- Panchayat Raj Roads
- Municipalities
- Indian Railways

**Other activities:**

- Chartered Engineer
- Panel Valuer for National Banks

**Personal Details:**

- (f) Name of the Father : Mantena Venkata Raju  
(g) Name of the Mother : Mantena Chandravati  
(h) Gender : Male  
(i) Marital Status : Married  
(j) Nationality : Indian

**Dr. M. Jagapathi Raju**