

CURRICULUM - VITAE

- 1. Name** : Korukanti Thirupathi Rao
- 2. Father's Name** : Buchirama Rao
- 3. Date of Birth** : 10th June 1964
- 4. Highest Qualification** : Ph.D.
- 5. Academic Performance** : High School to Highest Qualification

S. N.	P.G.Degree/ Degree/Dip.	University / Board	Year of Passing
1	S. S. C.	Board of Secondary Education A.P. State	1979
2	H. S. C.	Board of Intermediate Education A.P. State	1981
3	B. Tech. (Civil Engg.)	Kakatiya University, Warangal, A.P.	1985
4	M. E. (Civil Engg.) (Hydro Mechanics & Water Management)	Osmania University Hyderabad, A.P.	1990
5	Ph.D. (Dept. of Civil Engg.)	National Institute of Technology, Warangal, A.P.	2007

- 6. Teaching Experience:** 29 years.

Name of the Employer (Full name with location)	Designation	Date of Joining	Date of Leaving	Duration of Work
Rajiv Gandhi College of Engineering. Research & Technology, Chandrapur, M. S.	Lecturer Approved by Nagpur University	17.7.1990	10.8.1997	7 years
Rajiv Gandhi College of Engineering. Research & Technology, Chandrapur, M. S.	Assistant Professor Approved by Nagpur University	11.8.1997	5.11.2007	10 & ½ years
Rajiv Gandhi College of Engineering. Research & Technology, Chandrapur, M. S.	Professor Approved by Nagpur University	6.11.2007	4.12.2007	
Ganapathy Engineering College, Rangasaipet, Warangal, A. P.	Principal	5.12.2007	30.6.2008	½ years
Ganapathy College of Engineering, Rangasaipet, Warangal, A. P.	Principal Ratified by J N T U H, Hyderabad, A. P.	1.7.2008	30.6.2011	3 years
Ganapathy Engineering College, Rangasaipet, Warangal, A. P.	Principal Ratified by J N T U H, Hyderabad, A. P.	1.7.2011	8. 3. 2019	8 years
Vaagdevi College of Engineering, Bollikunta, Warangal.	Professor, in Civil Engg. Dept	9. 3. 2019	Till Date	

7. Publications:

- K. Thirupathi Rao and V. G. Palnitkar “Selection of suitable formula for estimating potential evapotranspiration for Dry crops in Hyderabad and areas surrounding it” in National Seminar on Environmental Aspects & water Resources development and Management in 1995 at Trivendrum, Kerala. PP IV 33 to 36.
- K. Thirupathi Rao and K.V. Jayakumar, “A soil moisture simulation model for irrigation scheduling” in International conference on Hydrology and watershed management 18th to 20th Dec.2002 at Hyderabad PP 668 to 674.
- K. Thirupathi Rao and K.V. Jayakumar, “Irrigation water management through moisture simulation” in National Seminar on Hydrology of small water sheds. 6th to 7th May 2003. at Trivendrum, Kerala.
- K. Thirupathi Rao and A. Z. Chitade “Evaluation of sediments yields and soil conservation measures using remote sensing & geological information system” in National Seminar on Hydrology of small water sheds. 6th to 7th May 2003. at Trivendrum, Kerala.
- K. Thirupathi Rao and K.V. Jayakumar, “Surface irrigation management based on soil moisture studies”. In International conference on Water and Environment. 15th to 18th Dec. 2003. Bhopal. PP 430 to 441.
- K. Thirupathi Rao and K.V. Jayakumar, “Scheduling of canal Irrigation based on soil moisture studies, crop yield and water deficit” in International conference on Advanced modeling techniques for sustainable management of water resources. 28th to 30th Jan. 2004. at N I T Warangal. A.P.
- K. Thirupathi Rao and K.V. Jayakumar, “Water allocation based on crop yield for deficit irrigation” in International conference on Hydrology and watershed management 5th to 8th Dec.2006 at Hyderabad.
- K. Thirupathi Rao and K.V. Jayakumar, “Irrigation scheduling based on soil moisture studies and crop yield under deficit irrigation” in 3rd International Perspective on Current & Future State of Water Resources & the Environment, January 5th to 7th , 2010 Chennai India.
- K. Thirupathi Rao, “Allocation of water to the crops during water deficit” in International conference on Research Trends in Science Technology Engineering & Management 10th to 12th May.2019 at Narsampet, Warangal, Telangana.

8. Conferences /Seminars / Workshops / other courses attended:

- Regional workshop on Teaching Fluid Mechanics 29th to 31st Dec. 1993. Organized by Babasaheb Naik College of Engineering, Pusad.
- The specialist course on Reservoir sedimentation 27th to 29th October 1994, Organized by Department of Civil Engineering, VRCE, Nagpur.
- National Seminar on Environmental Aspects & water Resources development and Management in 1995 at Trivendrum, Kerala.
- Seminar on Cement – 99 on 26th Feb. 1999. One day.
- Inter disciplinary refresher course in computer applications. R.C.E.R.T., Chandrapur. 15/03/1999 to 15/04/1999. 31 days.
- Environmental Evaluation of developmental projects. Regional College, Warangal. 27/12/1999 to 08/01/2000 Two Weeks.

- Short-Term Training Programme on Neuro-Fuzzy applications in Civil Engg. Regional Engineering College, Warangal. 11/06/2001 to 23/06/2001; two Weeks.
- Short-Term Training Programme on Irrigation Management, R.E.C. Warangal 31/12/2001 to 12/01/2002; Two Weeks.
- A Workshop on Rainwater harvesting, at Hotel Kundan Plaza, Chandrapur 18th March 2002.
- International conference on Hydrology and watershed management 18th to 20th Dec.2002 at Hyderabad
- Program on DST Scheme Presentation 18th Jan. 2003. Organized by IE (I), Nagpur.
- Short-Term Training Programme on Role of Industries in performance improvement of Technical teachers, from 23/4/03 to 3/5/03 at RCERT, Chandrapur.
- National Seminar on Hydrology of small water sheds. 6th & 7th May 2003 at Trivendram.
- Workshop on Maintenance & Rehabilitation on Civil Engg. Structures. 3rd Oct. 2003 One day at RCERT, Chandrapur.
- International conference on Water and Environment. 15th to 18th Dec. 2003. Bhopal M.P.
- International conference on Advanced modeling techniques for sustainable management of water resources. 28th to 30th Jan. 2004 at NIT, Warangal.
- A Workshop on Fly Ash Utilization & Industrial Waste Management, from 11/8/05 to 13/8/05 at RCERT, Chandrapur.
- An International Colloquium on Global Partnership for Frontiers in Technical Engineering at P. C. E. Nagpur on 27th Sept. 2007.
- International Perspective on Current & Future State of Water Resources & the Environment, January 5th to 7th , 2010 Chennai India.
- Academic Leadership Workshop on “In Pursuit of Excellence in Engineering Education through Innovation”, October 11th to 14th 2011 held at Wipro Technologies, Kolkata.
- International conference on. Research Trends in Science Technology Engineering & Management 10th to 12th May.2019 at Narsampet, Warangal, Telangana.

9. Membership of Associations:

- Member the Institute of Engineers (India).
- Life Member the Indian Society for Technical Education.

10. Administrative Experience:

- Working as Principal Ganapathy Engineering College, Warangal.
- Convener to organize “Exultant” a National Level Seminar conducted at Ganapathy Engineering College in 2009, 2010, 2011, 2012, 2013, 2014, 2015,2016 and 2017.
- Worked as Principal Ganapathy College of Engineering, Warangal.
- Worked as Head Department of Civil Engineering, RCERT, Chandrapur.
- Worked as Head Hydraulics Division, RCERT, Chandrapur.
- Worked as officer in charge to conduct University Examination.

- Worked as a member of local Enquiry Committee appointed by Nagpur University.
- Counselor & Assignments valuator for diploma courses of IGNO.
- Participated in curriculum development of Civil Engineering at Nagpur University.
- Worked as a committee member for seminar on “Cement 99” on 26/2/1999 at CEC Chandrapur.
- Organizing member of Workshop on Maintenance & Rehabilitation of Civil Engg. Structures 3rd Oct. 2003 -One day at RCERT, Chandrapur.
- Member of organizing committee to organize “International conference on Advanced modeling techniques for sustainable management of water resources. Held during 28th to 30th Jan. 2004. at N I T Warangal. A.P.

11. Project Topic:

- i) B.Tech. : Design of Earth Dam across Salivagu River.
- ii) M.E. : Selection of a Suitable Formula for Estimating Water Requirement of Dry Crops.
- iii) Ph. D. : Irrigation Scheduling Based on Soil Moisture Studies and Crop Yield under Water Deficit Condition.