

1. Personal Information

1	Name (in full with surname in capital letters)	Dr. VANGURI RANJITH BABU
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2. Education Qualification:

	Course Studied	Subject Studied	Specialization
10 th / Equivalent	S.S.C	ALL	ALL
Inter	M.P.C	MATHS , PHYSICS, CHEMISTRY	M.P.C
UG	E.E.E	ELECTRICAL	ELECTRICAL
PG	E.P.S	POWER SYSTEMS	POWER SYSTEMS
M.Phil. / Other PG Degree	NA		
Ph.D.	Ph.D	ELECTRICAL	ELECTRICAL DRIVES IN MINES
Post. Doc	NA		
Others	NA		

Willingness to be an expert member of AICTE committee:	NA		
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**[Thomson Reuters / Web of Science (SCIE / SCI / ESCI)]
Research Publications (Published / Accepted)**

Journals , Indexed , Th.Reuters, Web of Science, SCIE/ SCI/ESCI/SCOPUS and Impact Factor				In Conferences		No of Technical Reports
National / International	Title	Index	Impact Factor	National	International	
Journal of Engineering Technology	Adaptive Environment-Friendly Mine Ventilation Fan Speed Control Using PLC	SCIE & SCOPUS	0.21		YES	
Journal of Mining Science	Energy saving techniques for ventilation fans used in underground coal mines – A survey	SCIE & SCOPUS	0.353		YES	
Journal of Mining Science	Recent developments in mine hoist drives	SCIE & SCOPUS	0.353		YES	
Journal of Mines Metals and Fuels	Energy saving possibilities for ventilation fan in underground coal mines	SCOPUS	0.12	YES		
IEEE International conference on Electrical, Computer and Communication Technologies	Speed Control and Optimum Efficiency of Induction Motor driven Ventilation Fan in Mines	SCOPUS	NA		YES	
IEEE International conference on Electrical and Electronics and Optimization Techniques,	“Energy saving possibilities for mine ventilation with Particle	SCOPUS	NA		YES	

	swarm optimization					
IEEE International conference on Intelligent Control Power and Instrumentation	Optimization of Energy Use For Ventilation Fan with Variable Speed Mine Drive	SCOPUS	NA		YES	
IEEE International Conference on Renewable Energy Research and Applications	study of the suitability of recently proposed quasi-z source inverter for wind power conversion	SCOPUS	NA		YES	
National conference on Mine Equipment's New Technologies, Challenges and Applications	Energy saving possibilities for ventilation fan in underground coal mines	SCOPUS	NA	YES		
National conference on Mine Equipment's New Technologies, Challenges and Applications	Study of the suitability of quasi Z- source inverter for mine motor drives	SCOPUS	NA	YES		
International Journal of Research	Load Flow Analysis Integrating Static VAR Compensator and Alternate Energy Sources Using MI Power	UGC	5.7		YES	