



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to JNTU, Kakinada)

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FACUTY PROFILE

1. Name of the Faculty : NAGA SUDHA RANI BEHARA
2. Designation : Assistant Professor
3. E-mail & phone number : nsrani@gmail.com &7989786319
4. Department : Mechanical Engineering



5. Educational Qualification :
(from UG onwards)

S.NO.	QUALIFICATION	University/Institute	Specialization	Year of Completion	Class Obtained
1	B-Tech	V R SIDDHARTHA ENGINEERING COLLEGE ANU	Production Engineering	April-2008	First class with Distinction
2	M-Tech	DVR&HS NIC COLLEGE OF TECHNOLOGY JNTU-K	Machine Design	Nov-2012	First class with Distinction
3.	Ph.D.	Andhra University AU	Mechanical Vibrations	PURSUING	Enrolled in the 2018

6. Professional Experience : 07 Years

S.NO.	Institute/Organization	Position Held	Date Of Joining	Duration
1.	MSSIT	Lecturer	Sept 2008	2 Years
2.	DVR&HS MIC COLLEGE OF TECHNOLOGY	Asst. Professor	OCT 2011-MAY 2012	8 MONTHS
2.	Bapatla Women's Engg. college	Lecturer	01-01-2013	18 months
3.	Andhra Loyola Institute of Engg. & Technology	Asst. Professor	11-08-2014 to 15-10-2018	4 Years 2 months

4.	Dhanekula Institute of Engineering And Technology	Asst. Professor	14-11-2019 to till date	17 months
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7. Number of Publications :

S.NO	Status Of Journal	No. Of Publications
1.	International Journals	03
2.	National Journals	-
3.	International Conferences	04
4.	National Conferences	01

8. List of Publications :

International Journals: 03

S.No	Authors	Title Of The Research Paper	Name Of The Journal	Volume No.	Issue No.	Page No.	Year Of Publication	Impact Factor
1.	B.Susmitha; B.Naga Sudha Rani	Condition Monitoring of crusher in coal Handling Plantof Thermal Power station and Fault Diagnosis Using Expert System Algorithm	IJCMS	4	10	ISSN 2347-8527	Oct 2015	2.58
2.	NAGA SUDHA RANI B PANDU RANGA VUNDAVALLI	NEAR –OPTIMAL WALKING TRAJECTORY GENERATION OF A TWO-LEGGED ROBOT WITH SOFT SOLE ON STAIR CASDE USING PSO AND ABC	IJRAT IGI GLOBAL	3	2	IGI GLOBAL	JULY-DEC 2015	
3.	Naga Sudha Rani Behara	Application of Energy harvesting in the field of Mechanical Vibrations	IOP Conf. Series: Materials Science and Engineering journal IOP Publishing	1057	doi: 10.1088.	1757-899X/1057/1/012024	(2021) 012024	0.53

International Conferences:04

S.No	Authors	Title Of The Research Paper	Name Of The Proceedings	Page Nos	Date Of The Conference	Organized By
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1.	B.Naga Sudha Rani L.Sasirekha Lathan Dr.Pandu Ranga Vundavalli	Optimal walking of a biped robot on staircase with deformed sole using genetic algorithms"	ICMPC-2012	455-460	March 8-10	GRIET,HYD
2.	L.Sasirekha lathan B.Naga Sudha Rani Dr. Pandu Ranga Vundavalli	An Analytical approach For generating Dynamically Balanced Gaits For Obstacle crossing Biped Robot	ICAESM-2012	ISSN-978-81-909042-2-3	March30-31	IEEE
03	Naga Sudha Behara	Optimal walking of obstacle avoiding robot using blue tooth and voice recognition	ISME 2017		FEB 23-25 2017	NIT WARANGAL TELANGANA STATE
04	Naga Sudha Rani Behara et al	Application of Energy harvesting in the field of Mechanical Vibrations	International Conference on Research and Advances in Mechanical Engineering	ISBN 978-93-5416-854	10-11th Dec-2020.	VIT-HYD,TELANGANA

National Conferences:01

S.No	Authors	Title Of The Research Paper	Name Of The Proceedings	Page Nos	Date Of The Conference	Organized By
1.	B.NAGA SUDHA RANI M.MADHURI	Intelligent control of two link manipulator using inverse kinematics	Vignan mohostav		March 2008	Vignan institute of technology

9. Membership in Professional organizations: - ISHRAE

10. Other information (if any)

- Participated in **8 webinars,4 FDP'S,1 WORKSHOP and done 4 Coursera** courses during the lockdown period in the year 2020.
- Participated in HIGH IMPACT TEACHING SKILLS conducted by WIPRO Mission10x on April 10-11th 2012 .
- Participated in two Day National Seminar on “Applications Of Soft Computing Tools in Mechanical Engineering.
- Participated in MISSION 10X Faculty Training Programme conducted by WIPRO TECHNOLOGIES.
- Participated in FDP on ANSYS conducted at ALIET –VJA on 25-27 feb 2016.
- Participated in one day NBA ORIENTATION PROGRAMME at ALIET ON 06-06-2016.

- Participated in ONE WEEL FDP ON “RESEARCH PROBLEMS AND SOLVING TECHNIQUES IN MATERIALS AND MABNUFACTURING ENGINEERING” at DYR&HS MIC COLLEGE OF TECHNOLOGY.
- Participated in TEACHER TRAINING PROGRAMME by BRITISH COUNCIL in association with **APSCHE** AT ALIET-VJA.
- Ratified by JNTU-KAKINADA as Asst.Professor in the month of Dec 2015.

Mrs.B.Naga Sudha Rani