



TIRUMALA ENGINEERING COLLEGE

An ISO 9001:2015 Certified Institution, Accredited by NAAC & NBA

(Approved by AICTE & Affiliated to JNTU Kakinada)

Jonnalagadda, Narasaraopet Guntur - 522601, Dist. A.P. Website:tecnrt.org.E-mail:tecnrt@gmail.com

FACULTY PROFILE

1. Personal Details:

Full Name (As per SSC) : Dr.Y. NAGABHASKARA RAO

Faculty ID Number : TEC/AS&H/110

Designation : ASSOCIATE PROFESSOR

Department :AS&H

Joining Date : 27/02/2020

Email ID :nagabhaskararaoy@gmail.com

Mobile No :8790543521

Date of Birth :10/07/1990

Pan Number:APZPY9818G

Aadhar Card Number : 789734994009

Blood Group : O+

Mother's Name :Y.PADMA

Father's/Husband's Name : Y.SAMBAIAH

Community(OC/SC/ST/OBC) : BC-D

Address for Correspondence :S/O Y.SAMBAIAH,KOMATINENIVARIPAEM,CHIAKALURIPET (MD)

GUNTUR(DT)

Permanent Address : DO



2. Educational Qualifications(Attach Photocopies of the Relevant Certificates - OD & Marks Sheet)

	Qualification (10 th /Inter/ Diploma/ UG/ PG/PhD)	Branch&Specialization (Full Name)	School/ College Name and address (Full Name)	Board/ University (Full Name)	Certificate Number& Date	Mode of Completion (Full-time/Part- time/Distance)	% of Marks
1	10 th	GENERAL	A.P.R SCHOOL NNIZAMPATNAM	SSC Board	PC/14/13265/ 175738/3	Full Time	81
2	INTER	M.P.C	VASAVI JR.COLLEGE, NARSARAOPET	BIE	06/06111/G43 5101	FULL TIME	65
3	BSC	MATHS,PHYSICS, COMPUTER SCIENCE	S.S.N COLLEGE,NARASARAOPET	ACHARYA NAGARJUNA UNIVERSITY	BSC/3329/M- 2010	FULL TIME	65
4	MS.C.	PHYSICS	T.J.P.S COLLEGE,GUNTUR	ACHARYA NAGARJUNA UNIVERSITY	PH/0023/A12	FULL TIME	66
5	Ph.D	PHYSICS	ACHARYA NAGARJUNA UNIVERSITY,GUNTUR	ACHARYA NAGARJUNA UNIVERSITY	ANU/RC/Ph.D /PHYSICS/Y.N .B.R/2286/FE B.2018	FULL TIME	80

3. Details of Teaching Experience(Fill the format with minimum eligibility)(Common service between full time teaching and full time study should be avoided)

	Organization Name and address (Full Name)	Designation & Post (Full Name)	Pay Scale/ Pay Band or Consolidate Pay	AGP/GP or Salary	From Date	To Date	Duration (Years-Months)
1	Tirumala Engineering College, Narasaraopet, Andhra Pradesh	ASSOC.PROF	16550	6000	27-02-2020	Till date	1Y - 5M
2	S.B.G DEGREE & PG COLLEGE	LECTURER	16600	5000	21-06-2017	26-02-2020	2Y -9M
3	NRI ENGINEERING COLLEGE	LECTURER	CONSOLIDATE	15000	15-06-2015	30-01-2016	6M
4	A M G DEGREE COLLEGE	LECTURER	CONSOLIDATED	15000	21-06-2012	31-3-2014	
						Total	7Y -8M

Note: Eligibility – 1. Engineering Dept. - B.E/B.Tech. /AMIE (First Class) or M.E./M.Tech. (First Class)
 2. MBA Dept. - MBA/M.Com (First Class)
 3. MCA Dept. - MCA (First Class)
 4. S&H Dept. - M.Sc/Equivalent (First Class)

4. Details of Industrial Experience(Fill the format with minimum eligibility)(Common service between full time Industrial experience and full time study should be avoided)

	Organization Name and address (Full Name)	Designation / Post (Full Name)	Pay Scale or Consolidate Pay	Gross Pay	From Date	To Date	Duration (Years-Months)
1							
Total							

Note: Eligibility – 1. Engineering Dept. - B.E/B.Tech. /AMIE (First Class) or M.E./M.Tech. (First Class)
 2. MBA Dept. - MBA/M.Com (First Class)
 3. MCA Dept. - MCA (First Class)
 4. S&H Dept. - M.Sc/Equivalent (First Class)

5. Details of Total Experience: Ex: M(Item 3 + Item 4)

6. Details of Post-Doctoral Work

	Title of Work	Name of Organization & Address (Work Place)	Name of Mentor(s)/ Supervisor(s)	From Date	To Date	Duration (Years-Months)	Status
1							

7. E-learning Materials prepared (PPTs, Videos, blogs, Question Banks, Notes, etc.)

	Academic Year	B.Tech. / M.Tech./ etc.	Branch	YEAR	SEM	Subject/ Lab Name	Type of E-learning Materials prepared& Link
1	First Year						
2							
3	Latest Year						

8. Courses/add-on Courses Designed in the Department

	Academic Year	B.Tech. / M.Tech./ etc.	Branch	YEAR	SEM	Subject/ Lab Name	Regulation
1	First Year						
2							
3	Latest Year						

9. Publication Details:(Mandatory)

Researcher ID :
ORCID ID : 0000-0002-3506-5811
Scopus ID : 57189211792
Scopus h-index : 2
No. of Scopus Citations : 15
Google Scholar h-index :
Google Scholar i10-index :
No. of Google Scholar Citations :

10. Papers Published in International Journals

	Academic Year	Author(s),Title, Journal,Vol, No,Pages,Month&Year of Publication, ISSN(s),DOI or Weblinkor Print Journal & Free Journal (If Any)	Indexed By
1	2017	Y. NAGABHASKARARAO,K.SATHYAVATHI,M.SUBBARAO,SANDHYA COLE,SYNTHESIS AND CHARACTERISATION OF Mn ²⁺ doped CdOZn ₃ (PO ₄) ₂ NANO COMPOSITES, JOURNAL OF MOLECULARSTRUCTURE 1130(2017)585-595,10.1016/j.molstruc.2016.11.031	
2	2016	M.SUBBARAO, k.sathyavathi Y. NAGABHASKARARAO,SANDHYA COLE,structural and spectral investigation of undoped and Mn ²⁺ ion doped Zn ₃ (PO ₄) ₂ ZnO nanocrystalline phosphor materialsjournal of alloys and compounds 682 (2016) 7-13, 10.1016/j.jallcom.2016.04.201	
3	2017	k.sathyavathi, M.SUBBARAO, Y. NAGABHASKARARAO,SANDHYA COLE, SYNTHESIS AND CHARACTERISATION OF undoped and doped Zn ₃ (PO ₄) ₂ ZnO nanopowder by sol-gel method, j.matersci:mater Electron,10.1007/s10854-017-7038-8	
4			

Note: Mention the indexing, if the journal paper is indexed by ESCI/AHCI / SCIE / SSCI /SCOPUS/UGC/etc.

11. Papers Published in National Journals

	Academic Year	Authors;Title; Journal; Volume ; No; Pages; Month &Year of Publication; ISSN(s); DOI or Weblink or Print Journal; Free Journal (If Any)	Indexed By
1	2016	Y. NAGABHASKARARAO,K.SATHYAVATHI,M.SUBBARAO,SANDHYA COLE, XRD,FT-IR and SEM studies of Cr ³⁺ doped CdOZn ₃ (PO ₄) ₂ Nano powder, journal of chemical and pharmaceutical science , volume 9 issue 1 611-614, ISSN: 0974-2115	

2	2016	Y. NAGABHASKARARAO,K.SATHYAVATHI,M.SUBBARAO, K. vijayababu, SANDHYA COLE, structural and morphological studies of Cu(II) ion doped CdOZn3(PO4)2 Nano powder, ISBN: 978-81-929088-4-7	
3	2015	Y. NAGABHASKARARAO,K.SATHYAVATHI,M.SUBBARAO,SANDHYA COLE, XRD, optical and EPR studies of Mn2+ ion doped CdOZn3(PO4)2 nanopowders.ICSEMF-2015 proceedings ISBN 978-1-329-77555-8	
4	2015	K.SATHYAVATHI, M.SUBBARAO, Y. NAGABHASKARARAO,SANDHYA COLE, synthesis and characterization of vanadium doped zinc phosphate zinc oxide Nano crystalline powder. ISBN: 978-93-82570-42-4.	
5	2015	K.SATHYAVATHI,M.SUBBARAO,Y.NAGABHASKARARAO,SANDHYA COLE, Structural and spectral properties of undoped and Ti2+ ion doped Zn (PO4)2ZnO Nano composite. Proceedings of Nano science (RDNN)	
6	2015	M.SUBBARAO,KSATHYAVATHI,Y.NAGA BHASKARARAO,SANDHYA COLE,synthesis and characterization of chromium ions doped zinc phosphate zinc oxide Nano crystalline powder,(IJARPS)2(2015)46-53.,ISSN NUMBER:2347874	
7	2015	V.MADHURI, M.SUBBARAO, K.SATHYAVATHI, Y.NAGA BHASKARARAO, SANDHYA COLE, XRD and optical studies of molybdenum ions in sodium lead alumina borate glass system. (IJARPS)2(2015)46-53.,ISSN NUMBER:2347874	

Note: Mention the indexing, if the journal paper is indexed by ESCI/AHCI / SCIE / SSCI/SCOPUS/UGC/etc.

12. Papers Presented in International Conferences

Academic Year	Conference Name, Venue & Date(s) of Conference	Author(s), Title, Vol, No, Pages, DOI or Weblink (If Any)	ISBN Number & Best paper award. (If Any)	Scopus (If any)
1	2017	UGC SPONSORED – TWO DAY INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CHEMICAL PHARMACEUTICAL, ENVIRONMENTAL SCIENCES AND TECHNOLOGY, PITHAPUR RAJAH'S GOVT. COLLEGE, 24 & 25 – JANUARY-2017	Y.NAGA BHASKARARAO, K.SATHYAVATHI, M.SUBBARAO	24556300
2	2016	INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN TECHNOLOGY ENGINEERING AND SCIENCE, C.ABDUL HAKEEM COLLEGE, VELLORE, 27-28 JULY	K.VIJAYABABU Y.NAGA BHASKARARAO, K.SATHYAVATHI, M.SUBBARAO	978-93-5258-740-7

13. Papers Presented in National Conferences

Academic Year	Conference Name, Venue & Date(s) of Conference	Author(s), Title, Vol, No, Pages, DOI or Weblink (If Any)	ISBN Number & Best paper award. (If Any)	Scopus (If any)
1	2017	NATIONAL SEMINOR ON ADVANCES IN BIOMATERIALS AND CHARACTERIZATION TECHINCS, ANDHRA LAYOLA COLLAGE, 20-21 JANUARY	Y.NAGA BHASKARARAO, K.SATHYAVATHI, M.SUBBARAO	
2	2015	RECENT TRENDS IN APPLIED PHYSICS, 16-17 DEC, KRK GOVT. DEGREE COLLEGE, ADDANKI	Y.NAGA BHASKARARAO, K.SATHYAVATHI, M.SUBBARAO	0974-2115

14. Details of Ph.D. Students guided /guiding

	Academic Year	Name of the Student, Admission Number & Date of Joining	Thesis Title	University/ Institute	Work Status (Completed /Pursuing)	Full Time/ Part Time
1						

15. Details of M.Tech./M.Phil./Equivalent Master Program students guided/guiding

	Academic Year	Name of the Student, Admission Number & Date of Joining	Thesis Title	University/ Institute	Work Status (Completed /Pursuing)	Full Time/ Part Time
1	First Year					
2						
3	Latest Year					

16. Details of B.Tech. students guided /guiding

	Academic Year	Name of Student & Roll Number	Thesis Title	University/ Institute	Work Status
1	First Year				
2					
3	Latest Year				

17. Patents, Trademark and Copyrights

	Academic Year	Category	Title of Patent/ Trademark/ Copyright	Owner(s)/ Investor(s)	IPR file Number	Filing Date	Status
1	First Year						
2							
3	Latest Year						

18. Books/ Monographs/ Book Chapters Published

	Academic Year	Type	Title of Book/Monograph/Book chapter; Author(s)	Month & Year of Publication	Publisher	National/ International	ISBN Number
1	First Year						
2							
3	Latest Year						

19. Membership in professional Bodies

	Academic Year	Name of Professional Body	Type of Membership (Life Member/Associate member/ Fellow Member)	Date of approval	Membership Number
1	First Year	ISTE	LIFE MEMBERSHIP	7/1/2020	LM130189
2					

3	Latest Year			
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20. Seminars/Conferences/Short-Term Courses/Workshops/FDPs/Training Programs/Webinars/Quizzes/etc Organized

	Academic Year	Type	Title of the Program	Sponsoring Agency/ Self-financed	From Date	To Date	Your Role
1	2020-2021	WEBINAR	ROLE OF COMPOSITS IN MODERN ENGINEERING ERA.	SELF	29-06-2020		CO-ORDINATOR
2							

21. Seminars/ Conferences/ Short-Term Courses /Workshops/ FDPs/ Training Programs/ Webinars/ Quizzes/ etcAttended

	Academic Year	Type	Title of the Program	Sponsoring Agency/ Self-financed	From Date	To Date	Venue & College
1	2020-21	FDP	ROLE OF TEACHERS IN QUALITY ENHANCEMENT & ACREDIATION	SELF	5/6/20	11/6/20	SANTHARAM COLLEGE ,NANDHYALA
2	2020-21	FDP	FDP ON RESEARCH INITIATIVES IN INFORMATION TECHNOLOGY	SELF	1/6/20	3/6/20	Dr.LINGAPALLI BOLLAYYA COLLEGE OF ENGINEERING
3	2020-21	WEBINAR	Chemistry in day today life	SELF	11/6/2020	11/6/2020	Jeppiar Engineering College
4	2020-21	WEBINAR	Microscopy of functional materials	SELF	22/6/2020	22/6/2020	TIRUMALA ENGINEERING COLLGE

22. Salary & Income tax Details. (For Last 3 years)

	Assessment Year	Annual Gross Salary	Taxable Income	Tax Paid	ITR Number
1	2018-19				
2	2019-20				
3	2020-21				

23. Submitted Funding Proposals

	Academic Year	Proposal Title	Sponsoring Agency Name	Proposal ID	Proposal Date	Proposed Amount (INR)	Duration of Proposal	PI / Co-PI

24. Sanctioned Funding Proposals

	Academic Year	Proposal Title	Sponsoring Agency & Date of sanctioned	Duration	Starting Date	Ending Date	Amount (INR)	Status	PI / Co-PI
1	First Year								
2									
3	Latest Year								

25. Consultancy Project Details

	Academic Year	Name of the work	Company / Agency Name	Role & Nature of work	Duration	Starting Date	Ending Date	Amount (INR)	Group Member's Details
1	First Year								
2									
3	Latest Year								

26. Institute Level Administrative/ Support Work Involved

	Academic Year	Institute level Work	Starting Date	Ending Date	Post Held	Responsibilities
1	First Year					
2						
3	Latest Year					

27. Department Level Administrative/ Support Work Involved

	Academic Year	Department Work	Starting Date	Ending Date	Post Held	Responsibilities
1	First Year					
2						
3	Latest Year					

28. Details of Outreach Activities Involved

	Academic Year	Academic Outreach Activities	Starting Date	Ending Date
1	First Year			
2				
3	Latest Year			

29. Ratification Details

	Designation	Date of Ratification	University
1	Assistant Professor		JNTU
2	Associate Professor		
3	Professor		

30. Awards/Appreciation/Recognition/Honors/etcReceived

	Academic Year	Name of the Award/ Appreciation /etc	Contribution	Awarded by/ Honored by	Level (International / National/ University/Institute)	Date of Receiving Awards/ Honors
1	First Year					
2						
3	Latest Year					

31. Guest Lecture/Resource Person/Session Chair/Keynote Speaker/Judge/Examiner/Paper Correction/ etcActed.

	Academic Year	Type	Program	Venue	From Date	To Date
1	First Year					
2						
3	Latest Year					

32. Chief Editorial Member/ Editorial Member / Reviewer Acted.

	Academic Year	Type	Journal/Conference Name/ Book Chapter	Details of Journal/Conference/ Book Chapter	From Date	To Date
1	First Year					
2						
3	Latest Year					

33. E-learning courses Completed

	Academic Year	Source of e-learning	Course name	Date of Completion	Grade received
1	First Year				
2					
3	Latest Year				

34. Established Laboratories in the department

	Academic Year	Laboratory Name	Year & Regulation	Usage of the Lab	Cost of the Lab
1	First Year				
2					

3	Latest Year				
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35. Participation in GB/AC/BOS/Question Paper setting/etc.

	Academic Year	Name of the Activity	Month & Year	Work Place	Nature of duty
1	First Year				
2					
3	Latest Year				

36 Qualified in NET/SLET/GATE/JAM/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.

	Academic Year	Name of the EXAM	Month & Year	Score/Marks	Rank
1	First Year				
2					
3	Latest Year				

37. Participated in State/National/International level Sports/Cultural events

	Academic Year	Type of event	Event name	Venue	Rank
1					
2					
3					

38. Participated in abroad events for academic/research activities. (Physical/online)

	Academic Year	Type of event	Type of participation	Date	Organized by	Venue	Purpose
1							
2							
3							

39. Teaching and Learning Process Plan for coming academic year to improve the quality of the students - 200

Words.(Max.)

37. It is deliberate intervention that involves the planning and implementation of instructional activities and experiences to meet intended learner outcomes according to a teaching plan

It can be defined as the relatively permanent change in an individual's behavior (knowledge, skill and attitude) that can occur at any time or place as a result of consciously.

1. Encourages Student-Faculty Contact
2. Encourages Cooperation among students
3. Encourages Active Learning
4. Prompt Feedback
5. Emphasizes Time on Task
6. Communicates High Expectations
7. Respects Diverse Talents and Ways

of Learning **PRINCIPLES OF LEARNING**

Focusing, Organization, Repetition, Association, Learner control, Imitation, Active Participation, Motivation, Spacing

40. Research Plan for coming academic year the quality of the department - 200 Words.(Max.)

41. Please Specify (If any other relevant information).

Dr.Y.N.BHASKARA RAO

Date:17.05.2021

Signature of Applicant