

CURRICULUM VITAE

Dr. ARUNA KUMARI NAKKELLA

D/o.Ramachandra Rao

D.No. 20-14-13, Ramachandra Rao

Pet, Rajahmundry.

Cell: 8500472665

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OBJECTIVE

Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

EXPERIENCE

Total 14 Years of Teaching Experience

S · N o ·	Name of the Institute	Position Held	Dura- tion	Total Expr -ence	Subjects thought
1.	College of Engineering, Dr.B R Ambedkar University, Etcherla, Srikakulam	Assistant Professor Adhoc	2018 July – Till date		Engineering Chemistry
1	GIET(A), RJY	Assoc. Prof.,	2010 –2018	8	1. Engineering Chemistry 2. Environmental Studies 3. TD and FM (Mining Engg.) 4. EIA (Mining Engg.) 5. RES (Petroleum Engg.)
2	Sanketika Vidya Parishad, VSP	Asst. Prof.,	2009- 2010	1	1. Engineering Chemistry 2. Environmental Studies
3	Presideny Degree College VSP	Lecturer in Chemistry	2007 - 2009	2	B.Sc., Chemistry

4	SKVT Degree & PG College RJY	Lecturer in Chemistry	2004 - 2007	3	1. B.Sc., Chemistry 2. B.Sc., Industrial Chemistry 3. M.Sc., Analytical Chemistry
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INTERESTS

Doing Projects in chemistry and teaching chemistry

ACHIEVEMENTS AND PROJECTS

- ❖ A project on PROCESS AND R&D at A.P.P.M., RAJAHMUNDRY and submitted to Andhra University
- ❖ A project on WATER ANALYSIS
- ❖ A project on ANALYTICAL APPLICATIONS OF TUNGSTEN (V) IN BASIC MEDIA and submitted to BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI, TAMILNADU and it is selected for poster presentation by Indian Science Congress Association, CULCUTTA and presented at 95th Science Congress held by ANDHRA UNIVERSITY, VISAKHAPATNAM.
- ❖ Published Books on ENGINEERING CHEMISTRY VOLUME – 1 & 2 along with LAB MANUALS for JNTU (K) through B.S.PUBLICATIONS.
- ❖ A book published entitled “A REVIEW ON 118” through PROFESSIONAL PUBLICATIONS.
- ❖ Published 42 research papers in different International Journals with good impact factors.
- ❖ 40 research articles published in National and International conferences.
- ❖ Acting as Chairperson, BOS, GIET Engineering College (A), Rajahmundry.
- ❖ Acting as NBA coordinator, GIET Engineering College (A), Rajahmundry.
- ❖ Acting as Editorial Board Member, AR Research Publications, New Delhi

- ❖ Acting as Managing Editor, IJAMSR

- ❖ Currently Working as Assistant Professor, Adhoc, in the Dept of Engineering Chemistry, College of Engineering, Dr.B R Ambedkar University, Etcherla, Srikakulam.

OTHER STRONG POINTS

- Possess good leadership abilities
- Hard Working Nature
- Keen to learn new things
- Good at generating ideas
- Having ability in writing and preparing books, manuals for chemistry

PERSONAL PROFILE

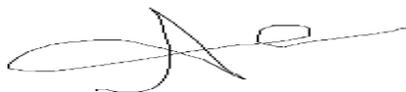
Name	:	ARUNA KUMARI NAKKELLA
Father's Name	:	RAMACHANDRA RAO
Sex	:	Female
Date of Birth	:	04-08-1978
Languages Known	:	English, Telugu and Hindi
Nationality	:	Indian
Hobbies	:	Making friends, listening music
Mail id	:	drsidvi@gmail.com ,
Permanent Address	:	D.No: 20-14-13, Ramachandra rao pet, Rajahmundry

EDUCATIONAL QUALIFICATIONS

Course	University/ Board	Aggregate	Division	Year of passing
SSC	SSC Board	82%	FIRST	1992
Intermediate	Board of Intermediate Education	67.8%	FIRST	1994
Graduation(C.B.Z)	Andhra University (Visakhapatnam)	76.5%	FIRST	2000
B.Ed.,	Andhra University (Visakhapatnam)	65%	FIRST	2001
M.Sc., Applied Chemistry	Andhra University (Visakhapatnam)	62%	FIRST	2004
M.Phil.,	Bharathidasan University (Tiruchhy)	71%	FIRST	2007
Ph.D.,	(Visakhapatnam) worked under the guidance of Dr.K.Raghu babu, Prof., Dept of Engineering chemistry, AUCE, VSP, Registrar, AKNU, RJY	Awarded		March 24 th 2015
Post Graduate Diploma in Environmental Science	Andhra University (Visakhapatnam)	89% FIRST		2016

DECLARATION

I consider myself familiar with teaching chemistry and I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

A handwritten signature in black ink, appearing to read 'Aruna Kumari Nakkella', with a stylized flourish at the end.

[ARUNA KUMARI.NAKKELLA]

ACADEMIC PERFORMANCE INDICATOR(API)

CATEGORY: I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(i) Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester –wise details, where necessary)

S.No.	Course/Paper	Level	Mode of Teaching*	Hourse per week allotted	% of classes taken as per documented record
1.	Engineering chemistry	I-B.Tech	Lecture	12	98
2.	Organic chemistry	II & III B.Tech (Biotech)	Lecture	06	100
3.	Environmental Science	I & II B.Tech	Lecture & Field trips	04	100
4.	Professional Ethics & Human Values	I-B.Tech	Lecture & Field trips	04	100

Lecture (L) Seminars (S), Tutorials (T), Practical (P), Contact Hours (C)

		API Score
(a)	Classes Taken (max 50 for 100% performance & Proportionate Score up to 80% performance, below which no score may be given)	198
(b)	Teaching Load in excess of UGC norm (max score :10)	10

ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

S.No.	Course /Paper	Consulted	Prescribed	Additional Resource provided
1.	Engineering chemistry	Professors at AU, VSP, Professionals from Industries	Text Books	Reference Books, Wikipedia, Industrial Tours & Visits, Literature survey
2.	Organic chemistry	Professors at AU, VSP	Text Books	Reference Books, Wikipedia, Industrial Tours & Visits, Literature survey
3.	Environmental Science	Professors at AU, VSP	Text Books	Reference Books, Wikipedia, Industrial Tours & Visits, Literature survey
4.	Professional Ethics & Human Values	Psychologists & Professionals in Law	Text Books	Literature survey
API Score based on preparation and imparting of knowledge /Instruction as per curriculum & syllabus enrichment by providing additional resource to Students (max. score : 20)				API Score
				20

iii) Use of Participatory and innovate Teaching –Learning Methodologies, Updating of subject content, Course Improvement etc.

S.No	Short Description	API Score
1.	Attended & Presented Research/Review papers in National/International Conferences/Seminars along with Students.	20
Total Score (Max. Score : 20)		

iv) Examination Duties Assigned and Performed

S.No	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
1.	B.Tech Regular/Supplimentary	Invigilation	100	
2.	B.Tech Regular/Supplimentary	Reliever	100	
3.	B.Tech Regular/Supplimentary	Observer	100	
4.	B.Tech Practical Examinations Regular/Supplimentary	Internal/External Examiner	100	
Total Score (Max.25)				25

CATEGORY: II CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

S.No.	Type of Activity	Average Hrs./Week	API Score
(i) Extension, Co-curriculum & Field based activities.			
1.	Made the students to prepare for some Research/Review papers & Poster presentations in National / International Conference / Seminars / Work shops.		20
Total (Max. 20)			
(ii) Contribution to Corporate Life and Management of the Institution		Yearly/Semester wise responsibility	API Score
1.	Mentor	I – B.Tech both semesters	
2.	Chairperson - BOS	Prepared/Modified the syllabus, Model question papers, Subject experts for paper setting and Evaluation for I – B.Tech both semesters.	
Total (Max. 15)			15
(iii) Professional Development Activities			
1.	Attended a meeting at UGC Delhi, for getting Post Doctoral Fellowship		15
Total (Max. 15)			
Total Score (i + ii + iii) (Max. 25)			

CATEGORY III : (Research, Publications & Academic Contributions)

Note : Please read the instructions given at the end of Proforma for calculating API Score in each category.

(A) Published Papers in Journals

S. No.	Title	Name of the Journal	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co authors	Whether you are the main author	API Score
1	Spectrophotometric determination of Doripenem, Ertapenem in bulk and injection formulations by NBS reagent.	International Journal of Advances in pharmacy, biology and chemistry (IJAPBC) vol. 3, issue 1, Jan 2014.	ISSN, 2277 – 4688.	Yes	2	Yes	10
2	Spectrophotometric Determination Of Doripenem And Ertapenem In Bulk And Injection Formulations By MBTH Reagent.	Indo American Journal of Pharm Research.2013:3(1 1). Impact factor 1.25	ISSN, 2349-7750	Yes	2	Yes	10
3	Spectrophotometric Determination of Doripenem, Ertapenem in Bulk and Injection Formulations by F-C Reagent.	International Journal of Pharmaceutical Sciences and Drug Research (IJPSDR)2013; 5(4) Impact factor <u>1.0423</u>	e-ISSN, 0975-248X	Yes	2	Yes	10
4	Spectrophotometric determination of Doripenem in bulk and injection formulations by 1,2-	Der Pharma Chemica, 2013(DPC), 5(6):312-316	ISSN 0975-413X	Yes	2	Yes	10

	naphthoquinone 4-sulphonic acid sodium salt (NQS) reagent in alkaline medium.						
5	Spectrophotometric Determination Of Penems In Bulk And Injection Formulations By MBTH reagent.	International Journal of Engineering Research & Technology (IJERT), October – 2013, Vol. 2 Issue 10, Impact factor 1.76	ISSN: 2278-0181	Yes	2	Yes	10
6	Spectrophotometric Determination of Penems in Bulk and Injection Formulations by F-C Reagent.	International Journal of Chemistry(IJC), Vol., Issue. 1 Impact factor 1.438	(ISSN: 1916-9698;	Yes	2	Yes	10
7	Spectrophotometric Determination of Ertapenem in bulk and injection formulations by p-dimethyl amino benzaldehyde (PDAB)	International Journal of Analytical, Pharmaceutical and Biomedical Sciences” (IJAPBS) Vol 2 Issue 5 2014 Impact factor	ISSN:2278-0246	Yes	2	Yes	10
8	Spectrophotometric Determination of Doripenem in Bulk and Injection formulations by p-dimethyl amino benzaldehyde (PDAB)	International Journal of Applied Biology and Pharmaceutical Technology (IJABPT) Vol 5, Issue 1 2014 Impact factor: 0.9860	ISSN-0976-4550	Yes	2	Yes	10
9	Spectrophotometric determination of Meropenem in bulk and injection formulations by 1, 2 naphtho quinone 4-sulphonic acid (NQS) reagent.	Issue of international journal of pharmaceutical sciences and research(IJPSR), vol. 5, issue 05; Jan - May, 2014 Impact factor <u>3.136</u>	ISSN: 2320-5148 e-ISSN: 0975-8232	Yes	2	Yes	10

10	Spectrophotometric determination of penems in bulk and injection formulations by potassium ferri cyanide and ferricchloride.	International Journal of pharmacy and pharmaceutical sciences (IJPPS) Vol 6 suppl 2, 2014 Impact factor 1.59	ISSN 2250-0049,	Yes	2	Yes	10
11	Spectrophotometric determination of Imipenem in bulk and injection formulations by 1, 2 naphtho quinone 4-sulphonic acid (NQS) reagent.	American journal of phytomedicine and clinical therapeutics (AJPCT)[2][1][2014]126-133. Impact factor 0.569		Yes	2	Yes	10
12	Spectrophotometric Determination Of Imipenem In Bulk And Injection Formulations By Chloramine-T And Galloyanine	International Journal of Pharmaceutical Archive (IIPA)-3(4), 2014, 1-6 Impact factor 1.232	ISSN: 2319-7226	Yes	2	Yes	10
13	Spectrophotometric determination of imipenem in bulk and injection formulations by brucine	Der Pharma Chemica, 2014, 6(2):228-233	ISSN 0975-413X	Yes	1	Yes	10
14	A Novel Method Development And Validation Of Imipenem In Bulk And Injection Formulations By	World Journal Of Pharmacy And Pharmaceutical Sciences Volume 3, Issue 10, 986-1002. SJIF	. ISSN, 2278-4357.	Yes	2	Yes	10

	Spectrophotometric And RP-HPLC Methods	Impact Factor 2.786					
15	Spectrophotometric determination Of Meropenem In Bulk And Injection Formulations By Brucine	Journal of Pharmaceutical Biology e ISSN - 2249-7560 Print ISSN - 2249-7579		Yes	2	Yes	10
16	Spectrophotometric determination of imipenem in bulk and injection formulations by haematoxylin and chloramine – T	International Journal of Current Research in Chemistry and Pharmaceutical Sciences, Volume 1 Issue: 2 2014 Pages: 05-11	ISSN : 2348 - 5213 (PRINT); ISSN : 2348-5221 (ONLINE)	Yes	2	Yes	10
17	Spectrophotometric determination of imipenem in bulk and injection formulations by ninhydrin and ascorbic acid	International Journal of Medicinal Chemistry & Analysis	e ISSN 2249 - 7587 Print ISSN 2249 - 7595	Yes	2	Yes	10
18	Mathematical Modelling for The Selection of The Best Source for The Preparation of Bio-Diesel	International Journal of Scientific Research, Vol 3, Issue 6, June 2014	ISSN: 2278-0181	Yes	2	Yes	10
19	Development and Validation of RP-HPLC Methods for the Estimation of	Scholars Academic Journal of Pharmacy (SAJP) Sch.	; ISSN: 1757-2223)	Yes	2	Yes	10

	API's in Newanti Injection and Restozeal Tablets	Acad. J. Pharm., 2014; 3(2): 140-145 lume : 3 Issue : 6 June 2014 e : 3 Issue : 6 June 2014 • ISSN No 2277 - 8179					
20	Simple and stability indicating RP-HPLC assay method development and validation of lisinopril dihydrate by RP-HPLC in bulk and dosage form	International Journal of Current research and Academic review Volume 3 Number 4 (April-2015) pp. 226-233, ISSN: 2347-3215	ISSN-2347-3215	Yes	2	Yes	10
21	Simple and stability indicating rp-hplc assay method development and validation of Naftopidil by RP-HPLC in bulk and dosage form	World Journal of Pharmacy and Pharmaceutical Sciences , SJIF Impact Factor 5.210 Volume 4, Issue 05, 900-909. ISSN 2278 – 4357	. ISSN 2278 – 4357.	Yes	2	Yes	10
22	Novel spectrophotometric methods for the determination of clopidogrel bisulphate in bulk and pharmaceutical formulations by cobalt thiocyanate and Tpoos	Scholars Research Library, Der Pharmacia Lettre, 2015, 7 (3):241-246,	ISSN 0975-5071	Yes	2	Yes	10
23	Antimicrobial Activity of Leaves of Medicinal Plants on Bacteria Present in Drinking Water	International Journal of Scientific Research, Vol 2, Issue 8, Aug 2013	(ISSN 0976-3031)	Yes	2	Yes	10

24	Application of Tipong Method – A Special Method of Mining	International Journal of Scientific Research, Vol 2, Issue 8, Aug 2013	(ISSN 0976-3031)	Yes	1	Yes	10
25	A Novel Mathematical Approach for Optimization of Plastic Degradation	International Journal of Engineering Trends and Technology (IJETT) – Volume 4 Issue 8- August 2013	ISSN: 2231-5381	Yes	1	Yes	10
26	Impact of Tunnels in Environment	International Journal of Engineering Trends and Technology (IJETT) – Volume 4 Issue 8- August 2013	ISSN: 2231-5381	Yes	1	Yes	10
27	Food Waste To Energy - A New Dimension In Generating Electricity In India	International Journal Of Multidisciplinary Empirical Research Volume Ii, Issue I, March 2015	ISSN : 2349-9656	Yes	2	Yes	10
28	Development of stability indicating RP-HPLC method for the estimation of Doripenem in pure and injections formulations	International Journal of Multidisciplinary Advanced Research Trends volume ii, issue iv, may 2015	ISSN : 2349-7408	Yes	2	Yes	10

29	Simple and stability indicating RP-HPLC assay method development and validation lisinopril dihydrate by RP-HPLC in bulk and dosage form			Yes	2	Yes	10
30	Compressed air breaking system - a new dimension of fire safety in locomotives	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No.4, Issue No.01, Jan 2016	Yes	2	Yes	10
31	A systematic review of homeopathy – a conventional medicinal system	International Journal of Advanced Technology in Engineering and Science	ISSN 2348 – 7550 Vol.No.4, Issue No.08, Aug 2016	Yes	2	Yes	10
32	Production of home made methane from food wastes	International journal of multidisciplinary advanced research trends	ISSN : 2349-7408 VOLUME IV, ISSUE 1(1) JANUARY, 2017	Yes	2	Yes	10
33	Nano filtration – a review on new dimension in nanotechnology applications for purification of water			Yes	2	Yes	10

34	Radio Chemistry a Unique Source for the Multiplicity and Prosperity of Research and Development	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No. 6, Issue No.08, Aug 2017	Yes	2	Yes	10
35	The significant and medical applications of graphene nanoparticles	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No. 6, Issue No.08, Aug 2017	Yes	2	Yes	10
36	Non toxic and medicinal applications of ferrofluids	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No. 6, Issue No.08, Aug 2017	Yes	2	Yes	10
37	The significant and medical applications of graphene nanoparticles	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No.6, Issue No.08, Aug 2017	Yes	2	Yes	10
38	Method development for quantification of aripiprazole and tapentadol by visible spectrophotometry	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 ISSN(P) 2319 – 8346 Vol.No.6, Issue No.08, Aug 2017	Yes	2	Yes	10

39	Noval method development for the determination of ertapenem in bulk and injection formulations by nin hydrin and ascorbic acid using spectrophotometer	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 Vol.No.7, Issue No.03, Mar 2018	Yes	2	Yes	10
40	Impact of Green Marketing in India	International Journal of Advance Research in Science and Engineering	ISSN(O) 2319 – 8354 Vol.No.7, Issue No.04, Apr 2018	Yes	2	Yes	10
41	Stability indicating method for the simultaneous estimation of tenofovir, emtricitabine and efavirenz in pure and pharmaceutical dosage form by rp-hplc	International Journal of Advance Research in Science and Engineering	ISSN 2319 – 8354 Vol.No.5, Issue No.05, May 2018	Yes	2	Yes	10
42	Spectrophotometric determination of biapenem in bulk and injection formulations by chloramine – t and gallocyanine	International Journal of Research and Analytical Reviews	E ISSN 2348 –1269, PRINT ISSN 2349-5138 VOLUME 5 I ISSUE 2 I APRIL – JUNE 2018	Yes	2	Yes	10

B (i) Articles / Chapters published in Books

S.No.	Title with page no.	Book Title, editor & publisher	ISSN / ISBN No.	Whether peer reviewed	No. of authors and date of publications	Whether you are the main author	API Score
1	Engineering chemistry – Vol-I	BS,HYD	978-81-7800-2538	Yes	1	Yes	50
2	Engineering chemistry – Vol-II	BS,HYD	978-93-81075-26-5	Yes	1	Yes	50
3	Engineering chemistry Lab Manual	BS,HYD	978-81-7800-258-3	Yes	1	Yes	50
4	A Review on 118	Professional Publishers	978-81-909728-1-9	Yes	1	Yes	50
5	A Text book of Applied Chemistry (including Engineering Chemistry)	Paramount book Publishers					

B (ii) Full papers in Conference Proceedings

S.No.	Title with page no.	Details of conference Publications	ISSN / ISBN No.	No. of Co-authors and date of publication	Whether you are the main author	API Score
1.	Selection of the Best source for the preparation of Bio-diesel using a multi criteria decision making method	MMST BHIWANI		1	Yes	10
2.	Food Waste To Energy - A New Dimension In Generating	NES Ratnam College, MUMBAI		3	Yes	10

	Electricity In India					
3.	Spectrophotometric determination of Imipenem in bulk by p-chloranilic acid	NES Ratnam College, MUMBAI		2	Yes	10

B. (iii) Books published as single author or as editor

S.No.	Title with page no.	Type of Book & Authorship	Publisher ISSN / ISBN No.	Whether peer reviewed	Date of publications	Whether you are the main author	API Score
1	Engineering chemistry – Vol-I	Text book	BS,HYD 978-81-7800-2538	Yes	2010	Yes	50
2	Engineering chemistry – Vol-II	Text book	BS,HYD 978-93-81075-26-5	Yes	2010	Yes	50
3	Engineering chemistry Lab Manual	Manual	BS,HYD 978-81-7800-258-3	Yes	2010	Yes	50
4	A Review on 118	Reference Book	Professional Publishers 978-81-909728-1-9	Yes	2011	Yes	50

E (i) Training Courses, Teaching –Learning - Evaluation Technology, Faculty Development Programmes

S.No	Programme	Duration	Organized by	API Score
1.	2-Week ISTE Work shop on Engineering Thermodynamics	11-21 Dec-2012	IIT-Bombay	20
2.	88th BRNS-IANCAS National Work shop on Radio chemistry	24-29th Nov-2014	IANCAS Bombay	10

E (ii) Papers presented in Conferences, Seminars, Workshops, Symposia

S.No	Title of the paper presented	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State /Regional / University or college Level	API Score
1.	Selection of the Best source for the preparation of Bio-diesel using a multi criteria decision making method	MMST-2012, Bhiwani HARYANA	18 th Aug-2012	Dept.of Applied Sciences and Humanities	National	7.5
2.	Papers presented	FRBC-2012	23-24 th Nov-2012	Dept.of Environmental Sciences, AU, VSP	National	7.5
3.	Papers presented	ISTE	11-21 st Dec-2012	IIT Bombai	International	10
4.	Mathematical Modelling for optimization of Plastic degradation	BIO-FEST 2012	12-13 Dec-2012	Bright International conferences & Events, Hyd	International	10
5.	Papers presented	PETRO FEST -2012	27-29 th Dec-2012	Delta studies Institute, AU, VSP	National	7.5
6.	Papers presented	EBIO-2013	3-4 th Mar-2014	Dept.of Chemical Engg, AUCE, AU, VSP	International	10
7.	House hold chemicals-operational excellence in health, safety and environment	2 nd World Conference	8-9 th Mar-2013	Gitam University	International	10
8.	Impact of pollutants generated from metals and minerals in and around visakhapatnam	National symposium	8-10 th Mar-2013	Dept.of Geology, AU, VSP	National	7.5

8.	Impact of climate change on food production	Climate change- Effects on Sustainable Livelihoods	22-23 rd Mar-2013	Center for study of social exclusion and inclusive policy, AU, VSP	National	7.5
9.	CO ₂ as a Refrigerant in Air conditioning	LIME-2013	28 th Apr-2013	Dept.of Mech.Engg, AU, VSP	National	7.5
10.	Papers presented	NSIRBS-2013	30-31 st May-2013	P.R.Govt College, KKD	National	7.5
11.	Climate change and its impact on global warming and human health mitigation	Climate change: present concerns	23-24 th Jun-2013	Dept.of Geology, AU, VSP	International	10
12.	Poster presentation	RSC-Poster symposium	21 st Dec-2013	Krishna university, Vijayawada	National	7.5
13.	Papers presented	EEEE-2013	24 th Dec-2013	Dept.of Engg.Chem, AUCE, AU, VSP	National	7.5
13.	Best paper	Petro fest-	27-29 th Dec-	Delta studies	National	7.5

		2013	2013	Institute, AU, VSP		
14.	Impact of climate change on developing cities	NCEC&CM-2014	24-25 th Jan-2014	GIET, Rajahmundry	National	7.5
15.	Work shop	IAsc	3-4 th Apr-2014	AU, VSP	National	7.5
16.	Paper presented by co author	ISACS13	1-4 th July-2014	Dublin, Ireland	International	10
17.	Paper presented	NSRTRC	30 th July-2014	Govt. Degree college, Kodur	National	7.5
18.	Paper presented	RNPCDD-2014	11-12 th Sep-2014	Dept of chemistry, Krishna university	National	7.5
19.	Work shop	88 th BRNS- IAN CAS	24-29 th Nov-2014	IANCAS, Govt. college(A) Rajahmundry	National	7.5
20.	Work shop	Modalities to make smart city	27 th Nov-2014	AUCE, AU, Vsp.	National	7.5
21.	Paper presented	ATOM-2014	8-9 th Dec-2014	Govt. college(A), Rajahmundry	National	7.5
22.	Paper presented	ICC-2014	13-14 th Dec-2014	AU, Vsp	International	10
23.	Bio ethanol production from oil palm sap	Eradication of pollution – the role of science	8 th Jan-2015	Dept of chemistry, VSR & NVR College, Tenali	National	7.5
24.	Biogas- an environmentally benign fuel for generation of renewable green electricity	GIIOE-2015	8-9 th Jan-2015	SS&N College, Narasarao pet	National	7.5
25.	Spectrophotometric determination of Imipenem in bulk by p-chloranilic acid	Recent developments in synthetic & materials chemistry	16-17 th Jan-2015	NES Ratnam college, Mumbai	National	7.5
26.	Work shop	National Science day	27-28 th Feb-2015	AUCE, AU, VSP	National	7.5
27.	Work shop	World water day	22-23 rd Mar-2015	AUCE, AU, VSP	National	7.5

E (iii) Invited Lectures and Chairmanships at National or international Conference / Seminars

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by	Whether International/ National/State	API Score
1.	Environmental pollution	EEEE-2013	24 th Dec-2013	Dept. of Engg.Chem. AU, VSP	National	15
2.	Member	EBIO-2013	3-4 th March 2014	Dept. of Engg.Chem. AU, VSP	International	15
3.	Member	National Science day	27-28 th Feb-2015	AUCE, AU, VSP	National	15
4.	Best paper award	Petro fest-2013	27-29 th Dec-2013	Delta studies Institute, AU, VSP	National	15

SUMMARY OF API SCORES

S.No	Criteria	Last Academic Year	Total – API Score for Assessment period	Annual Av. API Assessment period
I	Teaching, Learning and Evaluation related activities	275	275	275
II	Co-curricular, Extension, professional development etc.,	50	50	50
	Total I + II	323	323	323
III	Research and Academic Contribution	835	835	835

BOARD OF SECONDARY EDUCATION
ANDHRA PRADESH



IN^o 048659

2497/807
29.4.92

SECONDARY SCHOOL CERTIFICATE

PC/09/0050645/0

Certified that		NAKKELLA ARUNAKUMARI				bearing	
R. No.	0146769	XSK/Daughter of		RAMACHANDRA RAO			
and belonging to		SCHADE GIRLS HIGH SCHOOL, RAJAHMUNDRY				appeared	
at the SSC EXAMINATION held in		MARCH, 1992.		and PASSED the EXAMINATION in			
FIRST		division with		TELUGU		as the medium of instruction.	
The Date of Birth of the Candidate is							
DATE OF BIRTH	DAY	MONTH	YEAR				
04/08/1977	ZERO	FOUR	AUG	ONE	NINE	SEVEN	SEVEN
The Candidate Secured the following Percentage of marks							
FIRST LANG.	MARKS	THIRD LANG.	MARKS	MATHEMATICS	MARKS		
TELUGU	88	ENGLISH	78	MATHEMATICS	91		
GENERAL SCIENCE	84	SOCIAL STUDIES	73	TOTAL (in figures)	414		
TOTAL (in words)	* FOUR HUNDRED AND FOURTEEN *						
SECOND LANGUAGE (HINDI		* SEVENTY EIGHT *			78	
Marks of identification	<ol style="list-style-type: none"> A mole on the left side of the upper lip A mole on the right leg below the ankle 						
Head of Institution	M. Jayalakshmi 6.6.92						
Date of Issue	07/05/1992.						
HYDERABAD	M. Madhavaiah SCHADE GIRLS HIGH SCHOOL TOORASAHMUNDRY-531008 RAJAHMUNDRY DISTRICT SECRETARY BOARD OF SECONDARY EDUCATION						
Any corrections in the Certificate will not be entertained after three years from the date of issue.							
Any unauthorised correction in the certificate will result in cancellation of certificate.							
The marks with the asterisk indicates the marks secured in the Previous Examinations.							

009142

SERIAL NO. : D 625199

Board of Intermediate Education ANDHRA PRADESH, HYDERABAD

22/9/807
29.4.94



PASS CERTIFICATE-CUM - MEMORANDUM OF MARKS

THIS IS TO CERTIFY THAT **NAKKELLA ARUNA KUMARI**

SON DAUGHTER OF **N RAMACHANDRA RAO**

WITH REGISTRATION NUMBER **428318**

PASSED THE

INTERMEDIATE PUBLIC EXAMINATION HELD IN **MARCH** 1994

AND WAS PLACED IN **FIRST** DIVISION

THE SUBJECTS IN WHICH THE CANDIDATE WAS EXAMINED AND THE MARKS SECURED WERE AS FOLLOWS:

MEDIUM: **TELUGU** 025052

SUBJECTS	PAPER-I		PAPER - II	
	MAXIMUM MARKS	MARKS OBTAINED	MAXIMUM MARKS	MARKS OBTAINED
PART - 1 : ENGLISH	100	061	100	069
PART - 2 : HINDI	100	081	100	068
PART - 3 : OPTIONAL SUBJECTS				
BOTANY	60	030	60	034
BOTANY PRACTICAL			30	026
ZOOLOGY	60	034	60	034
ZOOLOGY PRACTICAL			30	028
PHYSICS	60	038	60	039
PHYSICS PRACTICAL			30	025
CHEMISTRY	60	044	60	040
CHEMISTRY PRACTICAL			30	026
GRAND TOTAL				
IN FIGURES	IN WORDS			DATE
677	*** SIX***SEVEN**SEVEN***			19-05-94

SIGNATURE OF THE PRINCIPAL AND COLLEGE SEAL
Aravind
10.694
PRINCIPAL
GOVT. JUNIOR COLLEGE
RAJAHMUNDRY 522 101

S. Krishna prasad
JOINT/DEPUTY SECRETARY,
(EXAMINATIONS)

SHAPAR FORMS 1 2



Serial No. **05224**
 Official Memo No. BI (7) 264/2002

ANDHRA UNIVERSITY

Register No. **2349**

B.Ed. Degree Provisional Certificate cum Consolidated Memorandum of Marks

This is to certify that **Ms. ARUNA KUMARI N**
 Daughter of **N RAMACHANDRA RAO**
Degree of Bachelor of Education in this University, she having been declared to have passed the Examination prescribed therefor as follows and that she has done all that is necessary for the formal presentation for the Degree of Bachelor of Education.

21/97/807
 DISTRICT EMPLOYMENT OFFICE
 KAPINADA.

has qualified herself for the

	MONTH AND YEAR	TOTAL MARKS SECURED	CLASS AWARDED
PART-I	SEP. 2002	351/600	THIRD
PART-II	OCT. 2001	465/600	FIRST

The following are the marks awarded to the candidate :

Subjects	Month & Year of Passing	Number of Marks awarded			Passing Minimum	Maximum Number of Marks
		Figures	Words			
Part I - Written :						
Teacher and Education in the Emerging Indian Society	OCT. 2001	48	FOUR	EIGHT	40	100
Educational Psychology	SEP. 2002	64	SIX	FOUR	40	100
Educational Technology & Computer Education	OCT. 2001	61	SIX	ONE	40	100
School Management	OCT. 2001	30	THREE	ZERO	20	50
Optional Subject : ENVIRONMENTAL	OCT. 2001	31	THREE	ONE	20	50
Methods of Teaching School Subject I ENGLISH	OCT. 2001	62	SIX	TWO	40	100
Methods of Teaching School Subject II BIOLOGICAL SCIENCE	OCT. 2001	55	FIVE	FIVE	40	100
Part II - Practicals :	OCT. 2001	465	FOUR	SIX FIVE	240	600

VISAKHAPATNAM
 Date : 15-04-2003

Initial of the }
 Clerk

Read: *SLB*
 Examined: *E*

P. Ramakrishna
 ADDITIONAL CONTROLLER OF EXAMINATIONS

Sl. No.: 23720

Register No. 2349

ANDHRA UNIVERSITY



FACULTY OF TEACHING

This is to certify that

Aruna Kumari N

D/o N Ramachandra Rao

has been duly admitted to the

Degree of Bachelor of Education

*in this University, she having been declared to have
passed the Examination prescribed therefor as follows :*

MONTH & YEAR	SUBJECTS	CLASS
<i>September 2002</i>	<i>Part I - (Written) with Method of Teaching English Biological Science as School subjects</i>	<i>Third</i>
<i>October 2001</i>	<i>Part II - (Practical)</i>	<i>First</i>

Given under the seal of the University

*Visakhapatnam
The 15th April 2003*



[Signature]
Controller of Examinations



Serial No. **07694**
Official Memo No. B VI (Sup)/3244/2000

ANDHRA UNIVERSITY

Register No. **98063109**

B.Sc. Degree Provisional Certificate cum Consolidated Memorandum of Marks

22/12/2007
30/12/07

This is to certify that **Ms. ARUNA KUMARI NAKKELLA**
has qualified herself for the Degree of Bachelor of Science in this University, she having been declared to have passed the Examination prescribed therefor as follows and that she has done all that is necessary for the formal presentation for the Degree of Bachelor of Science.

	MONTH AND YEAR	TOTAL MARKS SECURED	CLASS AWARDED
PART-I	APRIL 1999	275/500	SECOND
PART-II	MARCH 2000	1275/1800	FIRST

PART-I (ii) Second Language : **HINDI**
PART - II Optional - I : **CHEMISTRY**
Optional - II : **BOTANY**
Optional - III : **ZOOLOGY**

The following are the marks secured by the candidate :

Subjects	Month & Year of Passing	Number of Marks Secured	Marks secured in words		Passing Minimum		Maximum Number of Marks
					30%	35%	
FIRST YEAR - Part-I							
(i) English - Paper I ...	MAR. 1998	44	FOUR	FOUR		35	100
(ii) Second Language - Paper I ...	MAR. 1998	76	SEVEN	SIX		35	100
(iii) Indian Heritage and Culture ...	MAR. 1998	26	TWO	SIX		18	50
Part - II Optional Subjects							
Optional-I ... Written - Paper I ...	MAR. 1998	37	THREE	SEVEN	30	35	100 } 150
Practical and Record ...	MAR. 1998	44	FOUR	FOUR	15	18	
Optional-II ... Written - Paper I ...	MAR. 1998	37	THREE	SEVEN	30	35	100 } 150
Practical and Record ...	MAR. 1998	43	FOUR	THREE	15	18	
Optional-III ... Written - Paper I ...	MAR. 1998	35	THREE	FIVE	30	35	100 } 150
Practical and Record ...	MAR. 1998	46	FOUR	SIX	15	18	
SECOND YEAR - Part-I							
(i) English - Paper II ...	APR. 1999	47	FOUR	SEVEN		35	100
(ii) Second Language - Paper II ...	APR. 1999	60	SIX	ZERO		35	100
(iii) Science and Civilization ...	APR. 1999	22	TWO	TWO		18	50
Part - II Optional Subjects							
Optional-I ... Written - Paper II ...	APR. 1999	68	SIX	EIGHT	30	35	100 } 150
Practical and Record ...	APR. 1999	47	FOUR	SEVEN	15	18	
Optional-II ... Written - Paper II ...	APR. 1999	79	SEVEN	NINE	30	35	100 } 150
Practical and Record ...	APR. 1999	37	THREE	SEVEN	15	18	
Optional-III ... Written - Paper II ...	APR. 1999	60	SIX	ZERO	30	35	100 } 150
Practical and Record ...	APR. 1999	30	THREE	ZERO	15	18	
THIRD YEAR - Part-II Optional Subjects							
Optional-I ... Written - Papers III & IV ...	MAR. 2000	138	ONE	THREE EIGHT	60	70	105 } 300
Practicals and Record ...	MAR. 2000	99		NINE NINE	30	35	
Optional-II ... Written - Papers III & IV ...	MAR. 2000	146	ONE	FOUR SIX	60	70	105 } 300
Practicals and Record ...	MAR. 2000	84		EIGHT FOUR	30	35	
Optional-III ... Written - Papers III & IV ...	MAR. 2000	149	ONE	FOUR NINE	60	70	105 } 300
Practicals and Record ...	MAR. 2000	96		NINE SIX	30	35	

VISAKHAPATNAM
Date : 05-07-2000

Initial of the }
Clerk }

Read : *[Signature]*
Examined : *[Signature]*

[Signature]
ADDITIONAL CONTROLLER OF EXAMINATIONS

Sl. No.: 16394

Register No. 98063109

ANDHRA UNIVERSITY



FACULTY OF SCIENCE

This is to certify that

Aruna Kumari Nakkella

has been duly admitted to the

Degree of Bachelor of Science

*in this University, she having been declared to have
passed the Examination prescribed therefor as follows :*

MONTH & YEAR	SUBJECTS	CLASS	MEDIUM
<i>April 1999</i>	Part I - (i) English (ii) Hindi (iii) Indian Heritage & Culture and Science & Civilization	<i>Second</i>	<i>English</i>
<i>March 2000</i>	Part II - Chemistry Botany and Zoology	<i>First</i>	

Given under the seal of the University

Visakhapatnam
The 01st June 2001
12 2 MAR 2003

Controller of Examinations





Andhra University Press, Visakhapatnam

106/2004-2005 (28-8-2004) 10 Books

Disposal No. E V (3)/5947/2004

Register No. 93122613

ANDHRA UNIVERSITY

Serial No. 203



PROVISIONAL CERTIFICATE

This is to Certify that Sri/Smt./Kum. Nakella Arunakumari

has qualified himself/herself for the Degree of Master of Science in this University, he/she having been declared to have passed the Examination prescribed therefor in

Applied Chemistry

held in April 2004 in the First Class and that he/she has done all that is necessary for the formal presentation for the M.Sc. Degree.

VISAKHAPATNAM }
Dated. 23/11/2004

[Signature]
ADDITIONAL CONTROLLER OF EXAMINATIONS

Initials of the } Prepared: [Signature]
Clerk who } Examined: [Signature]

03122613.

ANDHRA UNIVERSITY



FACULTY OF SCIENCE

This is to certify that
Nakkella Arunakumari

*has been duly admitted to the
Degree of Master of Science
in this University, she having been declared to have
passed the Examination prescribed therefor as
follows:*

YEAR	SUBJECTS	CLASS
<i>April 2004</i>	<i>Applied Chemistry</i>	<i>First.</i>

Given under the Seal of the University

Visakhapatnam
The 24th March 2005.

M. S. R.
Registrar
AMP

Centre Code :210



Reg. No. 05CD-17645 :Code No. 06438 :S.No. 402299

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2f and 12B of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities; Accredited by NAAC with 'A' Grade)

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஜூலை 2007

ஆம் ஆண்டு நடத்திய வேதியியல் தேர்வில்

அருணா குமாரி நக்கெல்லா

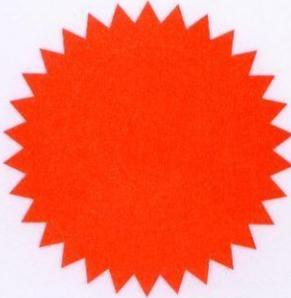
என்பவர் இரண்டாம் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள்

சான்றளித்தபடி ஆய்வியல் நிறைஞர் என்னும் பட்டத்தை

அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes known that **ARUNA KUMARI NAKKELLA** has been admitted to the Degree of **MASTER OF PHILOSOPHY**, having been certified by duly appointed Examiners to be qualified to receive the same in **CHEMISTRY** at the Examination held in **JULY 2007** and placed in **SECOND** Class.

Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli

நாள் :

Dated : 12th October 2007

C 030750

பதிவாளர் Registrar

துணைவேந்தர் Vice-Chancellor

19 MAR 2008

ANDHRA UNIVERSITY

Tel. No. : 0091-891-2844042
Fax. No.: 0091-891-2525611 / 2755324
e.mail: deanacademic.au@gmail.com



All official letters, packages, etc.,
should be addressed to the Dean by
designation and not by the name

NOTIFICATION

AWARD OF RESEARCH DEGREE
in
CHEMISTRY

It is hereby notified that the Vice-Chancellor on the recommendation of the Board of Examiners is pleased to order that **Ms. N. ARUNA KUMARI** be declared qualified for the **Degree of Doctor of Philosophy (Ph.D.)** in **CHEMISTRY** on the thesis entitled "**NOVEL METHOD DEVELOPMENT AND VALIDATION OF SPECTROPHOTOMETRIC AND RP-HPLC FOR PENEM CLASS OF ANTIBIOTICS**"

(BY ORDER)

Central Administrative Office
Visakhapatnam
Dt: **25-03-2015**


(T. CHITTI BABU)
DEPUTY REGISTRAR (ACADEMIC)

Endt. No. **T(2)/7422/2014**

Dt: **25-03-2015**

Forwarded to the Director of Stationery and Printing Andhra Pradesh Central Press, Hyderabad (AP) for favour of publication in the next issue of the Andhra Pradesh Gazette and supply to this office with six spare copies of notification.


(T. CHITTI BABU)
DEPUTY REGISTRAR (ACADEMIC)

25 copies to the Coordinator, Media Cell, Andhra University, Visakhapatnam for arranging Publication in all News papers as news item in their dailies at free of charge.
Copies to the Manager of (1) U.N.I., and (2) P.T.I.
Copy to the Warden, Research Scholars Hostel, A.U., Visakhapatnam
Copies to SII., A.V., A VI., U.G.C. and SC & ST Cell Sections

ANDHRA UNIVERSITY

Tel. No. : 0091-891-2844042
Fax. No.: 0091-891-2525611 / 2755324
e.mail: deanacademic.au@gmail.com



All official letters, packages, etc.,
should be addressed to the Dean by
designation and not by the name

Endt. No. T(2)/7422/2014

Dt: 25-03-2015

NOTIFICATION

AWARD OF RESEARCH DEGREE
in
CHEMISTRY

It is hereby notified that the Vice-Chancellor having considered the reports of the following examiners appointed to adjudicate and report on the thesis entitled "NOVEL METHOD DEVELOPMENT AND VALIDATION OF SPECTROPHOTOMETRIC AND RP-HPLC FOR PENEM CLASS OF ANTIBIOTICS"

01. PROF. D. THORBURN BURNS, SCHOOL OF CHEMISTRY, THE QUEEN'S UNIVERSITY OF BELFAST, BELFAST BT9 5AG, NORTH IRELAND, U.K.
02. PROF. AKELLA SIVARAMAKRISHNA, PROFESSOR, ORGANIC CHEMISTRY DIVISION, SCHOOL OF ADVANCED SCIENCES, V.I.T. UNIVERSITY, VELLORE – 632014, TAMILNADU
03. DR. RAJEEV K. SINGLA, DIVISION OF BIOTECHNOLOGY, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, SECTOR – 3, DWARKA, NEW DELHI – 110078, INDIA

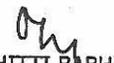
On the recommendation of the following examiners who have conducted the Viva-Voce examination, the Vice-Chancellor is pleased to order that Ms. N. ARUNA KUMARI be declared qualified for the Degree of Doctor of Philosophy (Ph.D.) in CHEMISTRY

- | | | |
|-------------------------------|---|--|
| 01. DR. S. PAUL DOUGLAS | - | D.C. & D.R.C. MEMBER |
| 02. PROF. B. VENKATESWARA RAO | - | CHAIRMAN P.G. BOS |
| 03. DR. G. SUSHEELA BAI | - | D.R.C. MEMBER,
HEAD OF THE DEPARTMENT |
| 04. PROF. K. RAGHU BABU | - | RESEARCH DIRECTOR &
CONVENER OF VIVA-VOCE |

Date of submission of thesis: 06-03-2014

(BY ORDER)

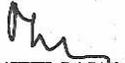
Central Administrative Office,
Visakhapatnam.
Dt: 25-03-2015


(T. CHITTI BABU)
DEPUTY REGISTRAR (ACADEMIC)

Endt. No. **T(2)/7422/2014**

Dt: **25-03-2015**

Forwarded to the candidate **Ms. N. ARUNA KUMARI, D/O N.RAMACHANDRA RAO, D.NO. 20-14-13, RAMACHANDRA RAO PETA, RAJAHMUNDRY** with the information that out of the three copies of the thesis submitted by him/her one copy is retained for reference in the University Library and the remaining two copies will be given to him/her if the adjudicators returned them.


(T. CHITTI BABU)
DEPUTY REGISTRAR (ACADEMIC)

Copy to the Examiners.

Copy to the Research Director: **PROF. K. RAGHU BABU**

Copy to the Joint Research Director: -----

Copy to the above members of Viva-Voce Committee

Copy to the C-I Section, to Report the same to the Executive Council

Copy to the Librarian, Dr.V.S.K.Library, Andhra University

Copy to the Convener, Board of Research Studies, Andhra University

Copy to the Principal, College of **SCIENCE & TECHNOLOGY, A.U.**

Copy to the Head of the Department of **CHEMISTRY, A.U.**

Copy to the Principal, College of **ENGINEERING, A.U.**

Copy to the Head of the Department of **ENGINEERING CHEMISTRY, A.U.**

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Comrade Indrajit Gupta Marge (Kotla Marg), New Delhi - 110 002

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Post Box No: 4116, Navrangpura, Ahmedabad – 380009.

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Copy to the Dean of Academic Affairs, Andhra University

Copy to the Coordinator, Department of Journalism, Andhra University

Copies to SII., A.V., A VI., U.G.C. and SC & ST Cell Sections & OOF.

* * *

ANDHRA UNIVERSITY
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF SCIENCE

This is to certify that

Nakkella Arunakumari

has been duly admitted to the

Degree of Doctor of Philosophy

in **Chemistry**

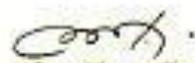
in this University, he/she having been declared to be

qualified to receive the same in **2015**.

Given under the Seal of the University

Visakhapatnam, A.P., India

Date: 29th July, 2017


Vice-Chancellor

About Conference

11th International Conference on Researches in Science, Technology and Management (RSTM-18) is a global event organized by Conference World at Osmania University Centre for International Program, Osmania University Campus, Hyderabad (India). This conference provides an international forum for researchers, developers, engineers and practitioners who are involved in real time projects that provide solutions to exchange their valuable ideas and showcase the ongoing works which may lead to path breaking foundation of the futuristic engineering. It accentuates indispensability of interdisciplinary and cross – linked thinking with respect of innovation and market opportunities. All the accepted paper will be published in International Journal with ISSN Approved by UGC.

RSTM - 2018

Indexing: 

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RSTM - 2018



11th International Conference on Researches in Science, Technology and Management

Venue:

Osmania University Centre for International Program,
Osmania University Campus, Hyderabad (India)

11th March 2018

Editors
Prof. Bezawada Sridhar Reddy
Dr. Aruna Kumari



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5th International Conference on Recent Advances in Engineering Science and Management

Venue:

**YMCA, Connaught Place,
New Delhi (India)**

 **03rd February 2018**

ICRAESM-18



About Conference

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ISBN: 978-93-86171-97-9



Publish By:
A.R. Research Publication
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Editors
Mohammed Abubakar
Dr. N Aruna Kumari