





SRI Y N COLLEGE (A)

NARSAPUR, West Godavari District, Andhra Pradesh.

Affiliated to Adikavi Nannaya University, Rajamahendravaram Thrice Accredited by NAAC with 'A' Grade

Under the Scheme of

RASTRIYA UCHTAR SIKSHA ABHIYAN (RUSA - 2.0 Scheme)

With the Financial assistance from

Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P

National Work Shop

on

"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE"

on

2nd December, 2019

Organized by

DEPARTMENT OF CHEMISTRY



In Association with Internal Quality Assurance Cell (IQAC)



RUSA - 2.0 SCHEME

(Through Ch. S. D. St. Theresa's College for Women (Autonomous)



"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE"

Organized by

On 2nd December 2019



DEPARTMENT OF CHEMISTRY (UG & PG) & IQAC SRI Y.N. COLLEGE (AUTONOMOUS)

Thrice Accredited by NAAC at "A" Grade

Thrice Accredited by NAAC at "A" Grade
Recognized by UGC as "College with Potential for Excellence"
NARSAPUR - 534275, W.G.Dt., A.P.



SELF DECLARATION

I hereby declare that the department of Chemistry of Sri Y N College, Narsapur, W.G.Dt. had successfully conducted One day national Workshop on "ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE" 2nd December, 2019 from 9:00A.M to 4:45P.M

Signature of Convener (Dr SB Ronald) Date 02-12-2019

CERTIFICATE

This is to certify that the department of Chemistry of Sri Y N College, Narsapur, W.G.Dt. had fulfilled all the norms and successfully conducted One day national Workshop on "ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE" 2nd December, 2019 from 9:00A.M to 4:45P.M with the financial assistance (Rs. 90,000/-, Rupees Ninty thousand only) from Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P., under the Scheme of **RASTRIYA UCHTAR SIKSHA ABHIYAN** (**RUSA - 2.0 Scheme**) with three resource persons with Chief guest Dr. P. Muralidhar Reddy , Assistant Professor, Nizam college, OU, Hyderabad.

Signature of Convener

Principal

RUSA Coordinator

RUSA Coordinator
Ch. S. D. St. Theresa's College for Women, Eluru
West Godavari Dist. A.P.

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ORGANIZING COMMITTEE

CONVENER:

Dr.SB Ronald M.Sc., Ph.D.,

Reader & HOD Cell: 9948196791.

ORGANIZING SECRETARY:

Dr. B.Ananda Kumar, M.Sc., Ph.D.,

Lecturer in Chemistry Cell: 9912020823.

CO-CONVENER:

Sri. Ch. Venkateswara Rao M.Sc.,

Lecturer in Chemistry (PG) Cell: 9492226530

Members:

Sri. Ch Udaya Bhaskar Rao M.Sc.,

Sri.ChRVR Prasad M.Sc.,

Sri. Ch Srinivasa Rao M.Sc.,

Smt. Ch Sujitha M.Sc.,

Miss.K. Sandhya Rani M.Sc.,

Sri. U. Ramu M.Sc.,

Miss. M.Swaroopa M.Sc.,

Miss.K. Lakshmi Jyothi M.Sc.,

ADVISORY COMMITTEE:

Dr.C.Satyanarayana Rao,

Secretary & Correspondent

Dr.K Venkateswarlu, Principal

Smt.S.M. Maheswari, Vice Principal

Sri P Subrahmanyam HOD (PG) and Former Principal

Dr.K Nageswara Rao, Coordinator, IQAC

Dr. Ramaraju Bendi, Research Advisor,

Former postdoc fellow from IIT HYD, NTUST Taiwan, NTU Singapore Associate Professor, Aditya Institute of Technology, Srikakulam.



DEPARTMENT OF CHEMISTRY SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR

(Affiliated to Adikavi Nannaya University)
Thrice Accredited by NAAC at 'A' Grade

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RUSA-2.0 Scheme

(With the Financial assistance from Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P)

One Day National Workshop on

"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE" 2nd December, 2019

PROGRAMME SCHEDULE

Registration : 8:00A.M to 9:00 A.M

Inauguration : 9:00A.M to 9.45A.M.

Keynote Address : 9:45A.M to 11:15 A.M

Dr. P. Muralidhar Reddy Assistant Professor, Department of Chemistry, Nizam College, Osmania University. Hyderabad

Tea Break : 11:15 A.M to 11:30 A.M

Invited talk : 11:30A.M to 12:30 P.M

Dr P. Naga Babu Senior Scientist, CSIR-National Environmental

Engineering Research Institute (NEERI), Nagpur.

Lunch Break : 12:30P.M to 1:30 P.M.

Invited talk : 1:30P.M to 2:30 P.M

Dr. Ramaraju Bendi, Associate Professor, Aditya Institute of

Technology, Srikakulam.

Invited talk : 2:30P.M to 3:30 P.M

Dr. P. Muralidhar Reddy Assistant Professor, Department of Chemistry, Nizam College, Osmania University. Hyderabad

Tea Break : 3:30 P.M to 3:45 P.M **Valedictory Funciton** : 3:45 P.M to 4:45 P.M

SESSION I:

INAUGURATION (9am to 9.45am)

The programme was started at 9AM as per the schedule in PG Seminar hall of Sri Y N College. **Sri. Ch. Venkateswara Rao** Co-convenor of the programme invited the dignitaries on to the dias. The programme began with Prayer and lighting the lamp.



Chief Guest, Dr P Muralidhar Reddy lighting the holy lamp.

Chief Guest, Dr P Muralidhar Reddy, lighted the holy lamp to inaugurate the Work Shop and announced the commencement of the programme. Sri GVK Rama Rao Vice president of the College, acted as president of the Workshop. He delivered the opening remarks and explained various aspects and scope of the programme. Dr. K.Venkateswarlu Principal of the college, invited all the dignitaries through his 'Welcome Address'. Dr. R. Pardhasaradhi Director in charge (PG), Sri. P. Subrahmanyam HOD Chemistry (PG) gave messages. Dr. SB Ronald Reader, HOD Chemistry and convener of this workshop introduced the theme of the workshop.



Presidents opening remarks by Sri GVK Rama Rao Vice President Sri YN College



9



Introduction of the Theme of the Workshop by Convener Dr. SB Ronald HOD Chemistry



Message by Sri P. Subrahmanyam HOD (PG) Chemistry

KEYNOTE ADDRESS:

(9.45 to 11.15 am)Dr P.Muralidhar Reddy delivered key note address for the topic of the workshop.

Biographical sketch of Dr P.Muralidhar Reddy

Dr. P. Muralidhar Reddy working as Assistant Professor, Department of Chemistry, Nizam College, Osmania University since 2013. He has received B.Sc., M.Sc., and Ph.D. in chemistry from Kakatiya University, Warangal, Telangana State, India.

Dr. P.M. Reddy worked as a visiting faculty member at Tzu Chi University, Hualien for two months in 2014. He also worked as Postdoctoral Fellow (PDF) at National Dong Hwa University (NDHU), Taiwan from August 2007 to September 2013. During this period, he has focused on the synthesis, characterization of nanoparticles towards biological applications and identification of the microorganisms by electrospray ionization (ESI)/Matrix-assisted laser desorption ionization (MALDI) mass spectrometry techniques. During the period of his doctoral research work (2002 to 2006), he has developed various methodologies in Inorganic and Analytical chemistry. He also has Industrial Experience in Analytical Research and Development (AR&D), Hetro Drugs Limited (R&D), Hyderabad, India.

He has published 78 Research Papers in reputed International and National Journals (Citations: 1206, h-index: 20, i10index: 31) and two patents to his credit. He has also presented research papers in 60 National and 30 International conferences. He has delivered guest/invited lectures in various colleges/conferences. He is a Life member of Indian Council of Chemists (ICC), Indian Science Congress Association (ISCA), India and Member of Taiwan society for mass spectrometry (TSMS), Taiwan. He is a reviewer for over 18 National and International professional journals.

He has 13 years of teaching and 18 years of research experience. His research focuses on Coordination Chemistry, Bioinorganic Chemistry, Organometallic Chemistry, Biological Activity, Catalytic Applications On Drugs, Synthesis & Development of functionalized magnetic Iron oxide (Fe3O4), Titanium dioxide (TiO2), and Silver (Ag) Nanoparticles towards Biological Applications and Developing Mass Spectrometric Methods for Analysis of various Microorganisms.

Under his supervision, 15 P.G. students have completed their dissertation work and 10 scholars are currently working for their Ph.D. degree. His research activities are supported by various funding agencies like NSC-Taiwan, Tzu Chi University, UGC, DST and CSIR, New Delhi, India. He is a member of several committees of Nizam College, Osmania University. He Worked as Placement Officer, Nizam College, Osmania University from August 2014-July 2019. He is presently working as Controller of Examination (COE), Nizam College, Osmania University and is a Joint Secretary, Osmania University Chemistry Foundation (OUCF).

Dr. P.M. Reddy is recipient of Best Teacher Award-2015 (Nation Builder Award-2015) for the cause of educating the future generation of our country, 5th September 2015 by Rotary Club of HNK, Telangana. Also recipient of Ideal Teaching Awards -2018 Selected in the Category of Professor of the Year (Chemistry). Received Best Paper Presentation Award (Ranked First) in ICNN-2011 and RAC-2015. He has received two gold medals in B.Sc. and M.Sc. and also received the most popular student award in 1999.



Key Note address by the Chief guest Dr P. Muralidhar Reddy



11.30AM TO 12.30PM

Invited talk by: Dr.P.Naga Babu Sr. Scientist CSIR-NEERI, Nagpur Biographical sketch of Dr P. Naga Babu

Dr. Penumaka Nagababu has completed his MSc. in chemistry from Acharya Nagarjuna University Guntur, he received Ph.D. degree in chemistry from Osmania University under guidance of Prof. S. Satyanarayana former vice-chancellor of OU.

He has around 15 years of research experience in homogeneous & heterogeneous catalysis; methane into methanolconversion; inorganic & bioinorganic chemistry and energy related research. He has worked as postdoctoral fellow for 4 years in institute of chemistry, Academia Sinica, Taiwan under the guidance of Prof. Sunney I. Chan a distinguished research fellow, particularly wellknown for his seminal contribution to the understanding of the structures and functions of several important membrane proteins such as cytochrome c oxidase, for which he was nominated for a Nobel Prize.

He also worked at International University like National Taiwan University as a post-doctoral fellow. He developed several catalysts & materials including low cost and mesoporous-materials for their applications in waste to wealth, photocatalysis, GHG emission control, cleaner energy generation etc.

He has over 42 research publications inpeer reviewed journals with high impact factor like; Angew. Chem. Int. Ed. 52, (2013), 3731–3735, Journal of Hazardous Materials 369 (2019) 474–482, ACS-Journal of MedicinalChemistry, 58, (2015) 5226–5241 etc, with over 779 citations and 1 international patent and 2 national patents in addition to a few contributions in books.

He has received outstandingscientist award in chemistry from Venus International Research Foundation-Chennai forexcellence in research and has been received various fellowships in India and abroad like:Postdoctoral fellowship from National Science Council-from Taiwan (NSC) from 2010 to2014, CSIR-Pool Scientist Scheme (SRA) from 2014-2017 and JRF and SRF from Department of Science and Technology-India from 2007 to 2010.

He has been awarded withPresident Award that Bharat Scouts and Guides in National WOSM Organization in 1988. He is a reviewer for various international journals like; RSC Advances, Applied OrganometallicChemistry, Nucleosides, Nucleotides and Nucleic Acids, Bioorganic & Medicinal Chemistry, Chemical Society Reviews, and J. Fluorescence etc.

Since 2017 he is working as a Sr.Scientist at CSIR-NEERI-Nagpur, at present he working on methane to methanol conversion at ambient conditions and active participator in development in green firecrackers.



Invited Talk by resource person Dr. P. Naga Babu Sr. Scientist CSIR-NEERI, Nagpur Topic: Development of Green crackers



SESSION II: 1.30pm to 2.30pm

Invited Talk: Dr. Ramaraju Bendi, Associate Professor, Aditya Institute of Technology, Srikakulam.

Biographical sketch of Dr B. Rama Raju

He received his Master Degree and PhD from Andhra University, Visakhapatnam, in 2006 and 2011, respectively.

After one and half years of postdoctoral research in IIT Hyderabad, he moved to Taiwan and worked as a postdoctoral research fellow in NationalTaiwan University of Science and Technology from Oct 2012 to Sept 2013 and National Taiwan Normal University from Oct 2013 to July 2014.

He worked as a postdoctoral research fellow for 3 years from 2014 to 2017 in School of Material Science and Engineering, Nanyang Technological University, Singapore.

He worked as a Sr.Manajor for Shan Poornam Metals SDN BHD, Malaysia.

He published s 45International Journals, one Singapore Patent and One international text book.

He is an editorial member for so many international journals and reviewed 100s of journals in RSC, ACS and Elsewhere.

His research work includes the Nanomaterials for Energy, Environmental and Electronics applications, Non-thermal Plasma assisted Energy and Environmental applications, Carbon materials, heterogeneous catalysis and Photocatalysis.

At present he is working as an associate professor, Aitam College, Tekkali, Srikakulam.



Invited Talk by Dr. B. Rama Raju, Associate Professor AITYAM College. Tekkali Topic: Non-thermal Plasma assisted Energy and Environmental applications



2.30pm to 3.30pm



Invited Talk by Dr. P. Muralidhar Reddy Asst. Professor Nizam College, Hyderabad Topic: Novel Mouth Cleaners with Positive Charged Magnetic Nanaoparticles



VALEDICTORY FUNCTION (3.45pm to 4.45pm)



President's opening remarks by Sri GVK Rama Rao, Vice president Sri YN college



Message by the Chief Guest Dr.P.Muralidhar Reddy

Response by the participants





Response by the participants





Certificate presentation to the participants





Felicitations to the Chief Guest and Resource persons









Audience & Participants







Vote of thanks by Sri Ch. Venkateswara Rao Lecturer in Chemistry (PG)



National Anthem

Paper clips



- · Recent trends and developments in Environmental
- Promote the chances in getting jobs in various fields related to the Chemical and Environmental science.

INVITATION TO

Faculty, Academicians, Researchers & Students

REGISTRATION

- Faculty& Researchers: 300/-
- Students: 100/-
- Spot registration is also available

CONVENER

Dr.SB Ronald M.Sc.,Ph.D., Reader & HOD Cell: 9948196791.

CO-CONVENER

Sri. Ch. Venkateswara Rao M.Sc. Lecturer in Chemistry (PG) Cell: 9492226530

ORGANIZING SECRETARY

Dr. B.Ananda Kumar, M.Sc., Ph.D., Lecturer in Chemistry Cell: 9912020823.

Sri. Ch Udava Bhaskar Rao M.Sc., Sri.ChRVR Prasad M.Sc Sri. Ch Srinivasa Rao M.Sc., Smt. Ch Sujitha M.Sc. Miss.K. Sandhya Rani M.Sc., Sri. U. Ramu M.Sc., Miss. M.Swaroopa M.Sc. Miss.K. Lakshmi Jyothi M.Sc., ADVISORY COMMITTEE:

Dr.C.Satyanarayana Rao, Secretary & Correspondent

Dr.K Venkateswarlu, Principal

Smt.S.M. Maheswari, Vice Principal

Sri P Subrahmanyam

HOD (PG) and Former Principal

Dr.K Nageswara Rao, Coordinator, IQAC

Dr. Ramaraju Bendi, Research Advisor,

Former postdoc fellow from IIT HYD, NTUST Taiwan, NTU Singapore Associate Professor, Aditya Institute of Technology, Srikakulam.

RESOURCE PERSONS

Dr. P. Muralidhar Reddy Assistant Professor, Department of Chemistry, Nizam College, Osmania University. Hyderabad.

Dr P. Naga Babu Senior Scientist, CSIR-Nat Environmental Engineering Research Institute (NEERI), Environmental Materials Division, Nagpur.

Dr. Ramaraju Bendi, Associate Professor, Aditya Institute of Technology, Srikakulam.

REGISTRATION FORM

Name:	
Class:	
College/Institution:	
Address:	
Contact Number:	
E-mail:	
Station:	
Date :	Signature of the Participant



RUSA-2.0 Scheme

th the Financial assistance from Ch.S.D.St. ollege for women, Eluru, West Godavari Dist. A.P.) (With the l

> Sponsored One Day National Workshop

"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE

2nd December, 2019



Organized by DEPARTMENT OF CHEMISTRY (UG & PG) In Association with IQAC



SRIYN COLLEGE (AUTONOMOUS)

Thrice Accredited by NAAC at 'A' Grade
"A College with Potential for Excellence" by UGC NARSAPUR - 534275, W.G. Dist., A.P.

ABOUT THE COLLEGE:

Narsapur, a small semi - urban coastal town is situated on the banks of the sacred river Vasishta Godavari in West Godavari District of Andhra Pradesh. Sri Yerramilli Narayana Murty College, Narsapur was established in the year 1949 with the noble cause of serving people in the field of higher education. It is one of the oldest colleges in West Godavari District and has a prestigious history. It attained the status of a full-fledged Degree College in 1956 and has been elevated to Post Graduate level in the year 1989-90. With the untiring efforts of our present Secretary & Correspondent Dr C. Satyanarayana Rao, our college flourished with overall progress. The College celebrated Diamond Jubilee in 2010

Our College has been accredited by NAAC Thrice at "A" grade. Our college has been selected for the award of "College with Potential for Excellence" by UGC.

UGC conferred Autonomous Status to our College in 2007. We are offering 13 certificate courses sponsored by UGC.

Since its inception, our college has been developing progressively with excellent and impressive infrastructure such as Administrative Block, Physical Sciences Block, Biological Sciences Block, MBA Block, MCA Block and Separate Library Buildings & Computer Labs for UG and PG; well equipped Science Laboratories, Language Labs and Commerce Lab for the overall development of our students. Gandhian Studies Centre sponsored by UGC, Women Empowerment Cell, Jawahar Knowledge Centre (JKC), HRD Centre, Yoga & Health Centre, Two E-Class Rooms, PG Seminar Hall, Two Solar supported decent women's hostels, a spacious Play Ground, Indoor Stadium, Multi Gym and Auditorium. With the valuable support, guidance and assistance rendered by Andhra University, Adikavi Nannayya University, UGC, AICTE, Commissioner of Collegiate Education (CCE) and other educational authorities, the college evolved as a premier institute of Higher Education.

The College is offering 5 PG courses- MBA, MCA, M.Sc(Organic Chemistry), M.Sc (Mathematics) & M.A(English), 17 UG courses, 7 Intermediate Courses, B.Ed and D.Ed. The present students' strength of the college is about 3100.

ABOUT THE DEPARTMENT

Introduction: The department of Chemistry came into existence in the year 1949 with Sri Vanguri Subba Rao as the founder Head of the department. The department was succeeded by the heads Sri MS Avadhanulu, Sri KVSR Bapanna, Sri P Suryanarayana, Sri P Subrahmanyam, Sri G Venkateswara Rao and Dr PSNHR Rao.

Dr SB Ronald took charge as head of the department in 2019. The department offers various courses such as B.Sc - MPC, BZC, CBM, ZAC, ZCP and MCCS.

HIGHLIGHTS OF THE DEPARTMENT:

The Faculty members are highly qualified with 2 doctorates. Faculty members have actively participated in workshops / seminars and presented many number of papers in National and International journals. All the staff members are actively connected with academic extension and extracurricular activities. The department members are nominated in various committees drafted by the Secretary & Correspondent and Principal. Dr SB Ronald HOD is a member IQAC committee and worked as NCC officer for 25 years. Dr B.Ananda Kumar is a member Exam committee, Sri Ch Udaya Bhaskar, Sri CHRVR Prasad and Sri Ch.Srinivasa Rao are members in Admission committee.

INFRASTRUCTURE

The dept. has fairly established laboratories covering an area of 5153.75 sqft .

A separate chemical store is maintained. LPG cylinders are provided in the labs and a generator serves the department. A reference library consisting of about 200 books in Chemistry is housed in the department to cater to the needs of the faculty and students. The department is equipped with sophisticated equipment HPLC and UV-VISIBLE Spectrophotometer are made available. The department is also equipped with teaching aids like OHP, slide projector, atomic and molecular models, charts, hot air oven, electrical balance, electronic balances, analytical balances, digital pH meters, conductivity meters, potentiometers polarimeter, melting point apparatus etc.

SCOPE OF THE WORKSHOP

Environmental science is an interdisciplinary academic field that integrates physical, biological and information sciences to the study of the environment, and the solution of environmental problems. Environmental science emerged from the fields of natural history and medicine during the Enlightenment. Today it provides an integrated, quantitative, and interdisciplinary approach to the study of environmental systems. Related areas of study include environmental studies and environmental engineering. Environmental studies incorporate more of the social sciences for understanding human relationships, perceptions and policies towards the environment. Environmental engineering focuses on design and technology for improving environmental quality in every

Environmental scientists work on subjects like the understanding of earth processes, evaluating alternative energy systems, pollution control and mitigation, natural resource management, and the effects of global climate change. Environmental issues almost always include an interaction of physical, chemical, and biological processes.

- Provide introduction to research in chemical and Environmental science.
- Exposure to research in environmental science.
- Enlighten the scholars to do the research in the recent trends of chemical and Environmental problems



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DEPARTMENT OF CHEMISTRY (UG&PG)

We cordially invite you to the Inaugural Function of

One Day National Workshop

οn

"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE"

Financial assistance by Ch. S. D. St. Theresa's College for Women, Eluru, under RUSA 2.0 Scheme

On 2nd December, 2019 at 9:00AM in the PG Seminar Hall

Chief Guest & Key Note Speaker

Dr. P. Muralidhar Reddy

Assistant Professor, Nizam College, Osmania University. Hyderabad.

Guest of Honour:

Dr P. Naga Babu

Senior Scientist, CSIR- NEERI, Nagpur.

Dr. Ramaraju Bendi

Associate Professor, Aditya Institute of Technology, Srikakulam.

Special Invitees

Dr C Satyanarayana Rao

Secretary & Correspondent, Sri YN College.

Sri GVK Rama Rao

Vice President, Sri YN College (A)

Sri P. Sri Rama Rao

Treasurer, Sri Y N College (A)

Dr. K. Venkateswarlu

Principal, Sri YN College

The Management, Principal, Directo Staff & Students.



VALEDICTORY FUNCTION

on 2nd December, 2019 at 3.30 P.M In the P.G Seminar Hall.

Sri GVK Rama Rao

Vice President, Sri YN College (A)
will preside over the function.

Sri P. Sri Rama Rao

Treasurer, Sri Y N College (A)
Will deliver the welcome address

GUESTS OF HONOUR

Dr. P. Muralidhar Reddy

Assistant Professor, Nizam College, Osmania University. Hyderabad.

Dr. P. Naga Babu

Senior Scientist, CSIR-National Environmental Engineering Research Institute (NEERI), Nagpur.

Dr. Ramaraju Bendi

Associate Professor, Aditya Institute of Technology, Srikakulam.

Dr K. Venkateswarlu

Principal, Sri Y N College (A)

will honour the guests

The Management, Principal, Director Staff & Students DEPARTMENT OF CHEMISTRY



CH. S. D. ST. THERESA'S COLLEGE FOR WOMEN (AUTONOMOUS), ELURU

Affiliated to Adikavi Nannaya University, Rajamahendravaram College of Excellence, NAAC A⁺ (3.56/4)

Phone numbers: 08812-251210, Fax: 08812-250380, Website:www.chsd:theresacollege.net
Email: chsdtheresa@gmail.com, st_theresa2003@yahoo.co.in
Contact Nos: 7337461488, 9490970007, 9441751205

From The Principal St. Theresa's College, Eluru

No: F. MRP-325/2019 (W/S/C//RUSA 2.0-STC)

Dated: June, 2019

The Accounts Officer

LINKNO: 1-19/45

Department of Chemistry

Ch. S. D. St. Theresa's (A) College for Women, Eluru, West Godavari Dist. 534003

Sub: Financial Assistance to conduct One Day National Level Workshop On "Advanced Research in Chemical and Environmental Science" -Approval-Cum Sanction Letter of first instalment - reg-

Sir/Madam,

This has reference to conduct **One Day National Level Workshop On "ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE"** submitted by Dr. S.B Ronald, Reader, Department of Chemistry, Sri Y N College, Narsapur, W.G. Dist. A.P. for Financial Assistance under the above scheme and to say that RUSA Coordinator has approved a grant of **Rs.90,000/-** to the Convener for undertaking the above mentioned One-Day National Level Seminar as per the items of the expenditure listed below;

FI	NANCIAL ASSISTANCE IS SOUGHT	Amount	Amount allocated (Rs) sanctioned as first
			instalment (Rs)
a.	TA and Honorarium	25,000/-	12,500/-
b.	Pre-Workshop printing		
	(Announcements, Invitations, Abstracts, DTP & Printing etc.)	15,000/-	7,500/-
c.	Participants certificates & Kits	20,000/-	10,000/-
d.	Local Hospitality including board and lodging:	20,000/-	10,000/
	(may be restricted to 25% of the total allocation		
	from the UGC)		
e.	Banners and Photos	10,000/-	5,000/-
	(GRAND TOTAL):	Rs.90,000/-	45,000/-

- I am further to convey the sanction of the above said payment under RUSA Rs. 45,000/- to the Principal, Sri Y N College, Narsapur, W.G. Dist. A.P. of the concerned college as first instalment towards the above project.
- The above approval is subject to the general conditions of grants prescribed by the RUSA for the scheme.
- The sanctioned amount is valid for payment during the financial year 2019-20 only and the amount of the grant shall be credited to "The Principal of the Concerned College", by electronic mode.

- In case the Convener of the Workshop has been transferred/ left/ retired from the college, the released amount may be returned to The Principal, St. Theresa's College immediately.
- 5. The Convener is required to submit the Workshop report along with the documents 1) Workshop Report 2) Utilization Certificate duly signed by the Convener, Principal 3) Statement of expenditure duly signed by the Convener, for the first installment of grant received immediately on completion of conducting Workshop.

6. The college must send the filled in Acknowledgement Certificate within 15 days of receipt of this letter else the college may return the sanctioned amount to this office.

7. The grant is subject to the adjustment based on utilization certificate in the prescribed proforma submitted by the Institution.

The Utilization Certificate to the effect that the grant has been utilized for the purpose
for which it has been sanctioned shall be furnished as early as possible after the close
of current financial year.

9. National Level Workshop To be completed on or before 30th December 2019

10. Date of One-Day National Level Workshop: The effective date of conducting One-Day National Level Seminar will be the date of receipt of fund by the Institution Yours faithfully,

Dr. Sr. Marietta D'mello
PRINCIPAL

S.B.St. Theresa's College for Women

The sanctioned grant will be transferred to your college account by E-playshell? You are requested to acknowledge the receipt of the above amount by sending the acknowledgement form within 15 days.

Copy to:

1. The Principal, Sri Y N College, Narsapur, W.G. Dist. A.P.

2. MR/MRS/ MS: Dr. S.B Ronald, Reader, Department of Chemistry, Convener Sri Y N College, Narsapur, W.G. Dist. A.P.

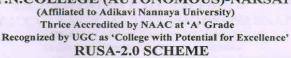
Yours faithfully,

Statement of Receipts and Payments Account



DEPARTMENT OF PHYSICS

SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR





(With the Financial assistance from Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P)
STATEMENT OF EXPENDITURE UNDER WORKSHOP
(For the period from 01-06-2019 to 24-8-2019)

File No.	
Title of the Workshop & date	EMERGING TRENDS IN RENEWABLE ENERGY RESOURCE, 3rd August, 2019
Name of convenor	Sri J Rama Mohan, Lecturer in Physics
Name of the Organising secretary	Dr L Malleswara Rao, Lecturer in Physics

RECEIPTS AND PAYMENTS ACCOUNT

RECEIPTS		PAYMENTS	
To Opening balance	NIL By Pre-programme expendit		25,055-00
Grant received from RUSA 2.0 from Ch. S. D. St. Theresa's College for Women, Eluru through Sri Y. N. College, Narsapur	1,10,000-00	TA,DA & Honorarium Expenditure at the Programme Post programme expenditure 54, 43, 43,	
Registration	13,600-00		
Advance by Convenor	2,898-00		
Total	1,26,498-00	Total	1,26,498-00





Statement of Income and Expenditure



DEPARTMENT OF PHYSICS SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR (Affiliated to Adikavi Nannaya University)



Thrice Accredited by NAAC at 'A' Grade
Recognized by UGC as 'College with Potential for Excellence'
RUSA-2.0 SCHEME

(With the Financial assistance from Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P)
STATEMENT OF EXPENDITURE UNDER WORKSHOP
(For the period from 01-06-2019 to 24-8-2019)

File No.	
Title of the Workshop & date	EMERGING TRENDS IN RENEWABLE ENERGY RESOURCE, 3rd August, 2019
Name of convenor	Sri J Rama Mohan, Lecturer in Physics
Name of the Organising secretary	Dr L Malleswara Rao, Lecturer in Physics

INCOME AND EXPENDITURE

Expenditure		Income		
To Pre-programme expenditure	25,055-00			
TA,DA & Honorarium Expenditure at the Programme Post programme expenditure 3,150		By Grant received from RUSA 2.0 from Ch. S. D. St. Theresa's College for Women, Eluru through Sri Y. N. College, Narsapur	1,10,000-00	
		Registration	13,600-00	
		Excess of expenditure towards workshop	2,898-00	
Total	1,26,498-00	Total	1,26,498-00	





Statement of Expenditure



DEPARTMENT OF PHYSICS SRI Y.N.COLLEGE (AUTONOMOUS)-NARSAPUR (Affiliated to Adikavi Nannaya University)



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RUSA-2.0 Scheme
(With the Financial assistance from Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P)
STATEMENT OF EXPENDITURE UNDER WORKSHOP

(FINANCIAL YEAR 2019-2020)

File No.	F.MRP-325/2019 (W/S/C//RUSA 2.0-STC)
Title of the Workshop & date	EMERGING TRENDS IN RENEWABLE ENERGY RESOURCES, 3rd August, 2019
Name of convenor	Sri J Rama Mohan, Lecturer in Physics
Name of the Organising secretary	Dr L Malleswara Rao, Lecturer in Physics

	anction No. & Date	Amount of Grant Sanction ed from RUSA	Grant/income from other sources including registration fee	Total Income from all sources (Rs.)	Total Expenditure incurred (Rs.)	Net outstanding to be sanctioned (Rs.)	No. of parti cipa nts	Duration of the Activity (with dates)
1	No.: 1- 19/38 (June, 2019)	1,10,000	43x300=12900 7x100=700	1,23,600	1,26,498.27	2898.27	50	One day (03-08- 2019)

Income and expenditure statement

S.No.	Date	Particulars	Income (Rs.)	Expenditure (Rs.)
		I installment amount	75000.00	
	The State of the S	II installment amount	35000.00	
p		Income through Registration fee $(43x300 + 7x100)$	13600.00	
		TOTAL	123600.00	
- 1		Pre programme expenditure:		
0.00		Mineral III and the Committee of the Com		
1.	3.7.2019	Bill No. 168, Sri Rajeswari Book Stall, Narsapur Paper (A4 – 4 reams & legal - 1 ream)		935.00
2.	4.7.2019	Bill No. 233, Sri Rajeswari Book Stall, Narsapur Long note book		45.00
3.	11.7.2019	DTDC Nos. H88610260, 261 & 262 Courier charges for sending letters to the resource persons		190.00
4.	23.7.2019	SI. No. 110, Krishna Sweet Mart & General Stores, Narsapur Refreshments at the meeting conducted for the department and committee members		670.00

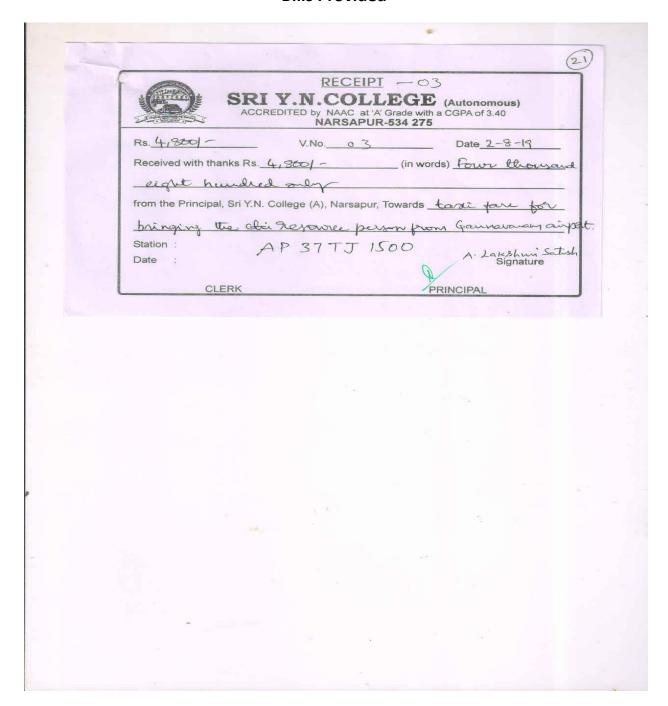
7 7			
5.	24.7.2019	No. 80, Berhampur Khadi Silk Stores, Rjy, Shaals for	3120.00
- 44	2	felicitation of resource persons and other guests	3120.00
6.	24.7.2019	Sl. No. 484, B K Javar; s, Rjy, Folder files for	3920.00
	211712012	participants and others attending for the workshop	3920.00
7.	24.7.2019	No. 64, Sri Manikanta Book Center, Rjy, Button files	3650.00
	Const.	and pens for the participants and others.	.3630.00
- 8.	24.7.2019	Expenditure for purchasing the items in S. No. 4, 5 &	2919.39
		6	2919.59
9.	25.7.2019	No. 62, Creative Services, Stickers, Lunch coupons,	4500.00
	201712012	Receipts, Certificates (4/c) and Invitations (2/c)	4300.00
10.	25.7.2019	No. 508, Sri Rajeswari Book Stall, Narsapur, Covers	80.00
		for sending Invitations and others	80.00
. 11.	25.7.2019	V. No. 01, For Xerox copies of registration forms,	450.00
9		feedback forms, programme sheets etc.	450.00
12.	2.8.2019	No. 49, Creative Services, Nsp. for Welcome banner,	3030.00
	21012017	Banner for resource persons, flexes etc.	3030.00
13.	2.8.2019	V.No. 02, remuneration for displaying the banners	500.00
		along the path to the workshop hall	500.00
14.	2.8.2019	CM No. 1592-6510082855 More Super Market, Nsp.	104.50
	2.0.2019	Eveready Red AA, Water bottles, etc.	104.30
15.	2.8,2019	CM No. 1592-7762027730 More Super Market, Nsp.	155 20
	2.0.2019	Apple Royal Gola for resource persons	155.38
16.	2.8.2019	Bill No. SP31607 grocery (Toilet kits for resource	616.00
10.	2.0.2017	persons)	616.00
17.	2.8.2019	Bill No. 932, Venkata Satya Enterprises, grocery	10.00
11.	2.0.2019	(Toilet kits for resource persons)	40.00
18.	2.8.2019	S.No. 119, Jagadamba China Bazar, Narsapur, Laser	70.00
10.	2.0.2019	light pointer for PPT presentations	70.00
19.	2.8.2019	Bill No. 1396, Aditya Super Bazar, Narsapur,	60.00
17.	2.0.2019	grocery (Toilet kits for resource persons)	60.00
-			25055
		TA, DA & Honorarium for Resource persons:	
12			
I. Dr.	B K Redd	y, Addl. Gen. Manager, Solar Energy Corporation of Indi	ia, New Delhi:
20.	2.8.2019	Flight tickets – New Delhi to Vijayawada &	9622.00
	6 - 20 W - 3 C - 64 T -	Vijayawada to New Delhi	3022.00
21.	2.8.2019	V.No. 03, taxi fare Gannavaram airport to Narsapur	4800.00
22.	2.8.2019	Bill No. 6766, Hotel Grand Arya, dinner	970.00
23.	2.8.2019	Ticket No. OIXB-4761, Toll gate fee	65.00
24.	2.8.2019	Ticket No. 0520190802170858854, Toll gate fee	130.00
25.	2.8.2019	Ticket No. 152772, Toll gate fee	60.00
26.	3.8.2019	V. No.: 04, Honorarium	6000.00
27.	4.8.2019	V.No. 05, taxi fare Gannavaram airport to Narsapur	4800.00
28.	4.8.2019	Ticket No. 01201908041908231987, Toll gate fee	45.00
29.	4.8.2019	Ticket No. 131495, Toll gate fee	60.00
30.	4.8.2019	Ticket No. 0005-4323, Toll gate fee	65.00

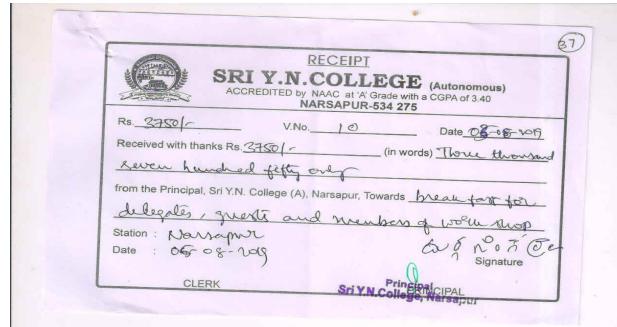
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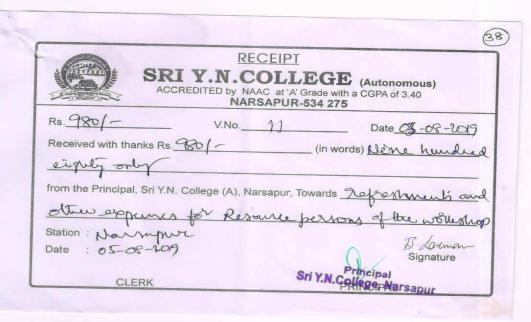
		Net balance amount to be sanctioned	123600.00 2898.27	126498.27
47.	24.8.2019	No. H89338549, courier charges for sending the memento for Prof. G Bhagavannarayna		40.00
46	24.8.2019	No. 69, Das Digital Studio, Narsapur, photos of the workshop		1550.00
45	9.8.2019	No 27, Sri Satya Saibaba Sweet Home, Narsapur, snacks for the thanks giving function for the members of the workshop		1560.00
		Post programme expenditure:		
	1	Past neague.		43976
41+	3.8.2019	No. 14, Sri Devi Flower merchants, Narsapur, Garlands and bouquets for felicitations		1500.00
43.	3.8.2019	No. 2, Manasa Fancy & General Stores, Narsapur, Holy lamp requirements		430.00
42.	3.8.2019	B. No. 13, C L N Dhaveji Sons, water bottles at the dias	S, in last	216.00
41.	3.8.2019	Receipt No. 12, Tea and coffee for the delegates and other members at the workshop		1950.00
40	3.8.2019	No 22, Sri Satya Saibaba Sweet Home, Narsapur, for evening snacks		6150.00
39	3.8.2019	No. 82, Phanisree catering and suppliers, Narsapur, Shamiyana for arrangement of lunch for resource persons, delegates and other members on duty of the workshop		3000.00
38.	3.8.2019	No. 81, Phanisree catering and suppliers, Narsapur, lunch for resource persons, delegates and other members on duty of the workshop		26000.00
37	3.8.2019	Receipt No. 11, Refreshments and other expenses for the resource persons and others at the workshop		980.00
36	3.8.2019	Receipt No. 10, snacks for delegates, guests and members on duty at the workshop		3750.00
P	APP CONT	Expenditure at the programme:	1	54,317
V.	3.0.2019	V.No. 09, Honorarium for Mr. R V Subba Rao		6000.00
4. Sri	3.8.2019	Rao, Research Advisor, Vignan University, Guntur:		
34	3.8.2019	6000/-) to Dr. P Balaii Bharchay	101	8700.00
). Dr	P Balaji Bh	arghay, Senior Research Scientist, SSN Research Centre	, SSN Institu	tions,Chennai
33.	3.8.2019	V. No.: 07. Honorarium		6000 00
32		- Diagaramata in		3000.00
3).	2.8.2019	No. 22, Jai Sri Appana Plaza-Vasavi Sai Function		2000 0

Jac						
	I have satisfied myself that the Statement of Expenditure is accurate, results from reliable accounting systems and is based on verifiable supporting documents					
	- A all					
	J. RAMA MOHAW)					
	(Name and Signature of Convener)					
. 1	(L MALLESWARA RAD)					
	(L MALLESWARA RAD)					
9	(Name and Signature of Organising Secretary)					
	Comardis.					
	(Name and Signature of Principal of the College)					
4	Y.N.College (Autonomous)					
	NARSAPUR - 534 275, W.G.Dt., (A.P)					
	AAAA					
	Signature (with Seal) of the authority as indicated in sub clause (q) of clause 3 of chapter I of research funding rules, 2015.					
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Bills Provided









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One Day National Workshop *on*"ADVANCED RESEARCH IN CHEMICAL AND ENVIRONMENTAL SCIENCE" 2nd December, 2019

WORKSHOP EVALUATION FORM

Thank you for participating in the workshop. We hope you find it valuable to participate in this workshop. We would appreciate if you could take a few minutes to fill out this feedback form, so that we can improve the workshop for future attendees.

	Excellent	Very Good	Good	Fair
1. The workshop was well organised				
2. Speaker's Knowledge of the Subject				
3. Speaker's ability to gain and keep my				
attention				
4. Visual Aids				
5. facilities provided by the College				
6. Additional Resources available				
7. The Workshop increased my				
knowledge and research skills in Chemical &				
Environmental science.				
8.The information and skills presented				
were relevant and useful				
9.The presenter (s) provided adequate				
time for questions and answered				
them satisfactorily.				
10.Overall Rating				

Signature of the participant

Conclusion

One Day National Workshop on "Advanced research in Chemical and Environmental science" was conducted on 2nd December, 2019 with the financial assistance of RUSA Phase 2.0 through Ch. S. D. St. Theresa's College for Women, Eluru, West Godavari Dist. A.P, in Coordination with IQAC.

Chemistry has got an immense importance in the day to day life of human beings. The life and civilization would have not been what is today without the development of knowledge of the advanced research in Chemistry.

With the advancement of technology and the growing population added with the higher standards of living, the repercussions of natural consumption are being born by the environment we live in today. The increasing pressure on the environment has led to many environmental problems that are just as real as any other problem. The impending need for a solution to these environmental problems has led to the extensive advanced research in Environmental science.

The main aim of the Workshop is to promote research and to focus on the recent advances and applications in the field of Chemical and Environmental Sciences. This is a great opportunity to the participants, researchers and the students to interact with experts and to exchange the views. Participants actively participated in this workshop and utilized this opportunity to learn and to share their views with the resource persons.