

VAHINI – THE NEWS LETTER

R.B.V.R.R WOMEN'S COLLEGE (Autonomous),

Narayanguda, Hyderabad

January – June (2016 Issue)



23.	G.Anjali	A Study on New and Innovative Teaching Learning Technologies ISBN-978-93-84845-18-6[Two day International Conference on Developing Thinking and Learning with ICT:Changing Education for Future Needs
24.	W.Sarada & B.LakshmiPrasanna	A Study on IoT in the smarter world, A national seminar on -Women in Science Education and Research: Challenges and Opportunities, St. Ann's college, Mehdipatnam
25.	W.Sarada	A Review on Fuzzy Logic, its Application and Methodology- ISSN-2249-0558[IJMIE- International Journal of Management, IT and Engineering
26.	T.Madhavi&V.Vedasri	Ambient Intelligent IOT-A National Seminar on -Women in Science Education and Research:Challenges and Opportunities, St. Ann's College, Mehdipatnam
27.	W.Sarada & B.LakshmiPrasanna	Innovations in Web Technologists-A three day National seminar on Science & Technology for Indigenous Development in India
29.	V.Vedasri	Li-Fi Technology-[A three day National seminar on -Science & Technology for Indigenous development in India]
30.	V.Vedasri	"E-commerce: Security Issues and Technologies"- Emerging Strategies for Sustainable, Competitive, Advantage in the 21st Century]-Aurora's Post Graduate College, Hyd.
31.	T.Srilatha	"Content Based Image Retrieval (CBIR) Method", National Seminar on Significant Trends in Management, Kshatrya College of Engineering, Nizambad, Telangana
32.	T.Srilatha, Salma Begum, P.Sampurna	Poster Presentation on "Applications of Nano Technology", organised by Indian Science Congress Association (ISCA), Hyderabad
33.	T.Srilatha	A Strategic Literature Research on Technological Confluence for Future Internet of Things, Citation Index-5.32, Peer Reviewed Journal
	Zoology & Microbiology	
34.	Dr.J.Achyutha Devi	Presented a paper in National Seminar on "Threats to Biodiversity in the Aspects of Deforestation and Wildlife in Warangal South Division" conducted by Indian National Science Congress on 22-24 February 2016, one of the Organizing Secretary and Chaired the Session.
35.	Ms.A.Pradhyutha	Presented a paper on "Evaluation of Antioxidant Activity of Leaf, Stem & Flower Extracts of E.Milli in an UGC sponsored International Conference on "Advances in Plant & Microbe Research" held on 6th to 8th January 2016.

Editorial Board

Prof. Selvarani - Convener, Dr. Bindu - Co-Convener, Dr. V. Jeevana Jyothi - Member

Mrs. T. Srilatha - Member, Dr. Sumitra Jaiswal - Member

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I congratulate the Principal and Editorial Committee of the Newsletter - 'VAHINI'. This Newsletter is intended to serve the purpose of communicating the activities taken up by the college to all the stakeholders and parents of the wards in particular. I congratulate the faculty and students for their achievements & contributions. I hope VAHINI- The RBVRR Newsletter serves the intended purpose.

Prof. K. MUTHYAM REDDY
Secretary cum Correspondent

About the College

Raja Bahadur Venkata Ram Reddy Women's College, Narayanaguda, Hyderabad was established in 1954 by the Hyderabad Mahila Vidya Sangam, (HMVS), a non-profit education society to women especially to those coming from the rural areas. It is the second oldest college for women in Hyderabad city to be conferred with autonomous status by UGC. It is a partially aided college with a campus hostel. It the first women's college to introduce M.B.A Programme and BSc Forensic Science under Osmania University Jurisdiction.



RBVRR Women's College has been serving the cause of women's education in Telangana since the last 60 years. Our esteemed college has achieved many a milestone-Silver Jubilee, Golden Jubilee and Diamond Jubilee. Other notable achievements include NAAC Re-Accreditation with 'A' Grade, College with Potential for Excellence and above all the important "Autonomy". VAHINI-The RBVRR Newsletter is designed to showcase the dynamism in our academic pursuits. The contributions made both by faculty and students bear a testimony to our efforts in scaling new heights year after year. I congratulate the editorial board for bringing out the Newsletter.

Dr. M. SUREKHA REDDY
Principal

11.	A.Kavitha	Effect of Air Pollutants on Enzyme Activity of Plants, International Journal of Innovative Research in Science, Engineering and Technology
	Chemistry	
12.	Dr.V.Jeevana Jyothi	Presented a paper entitled Anodic Oxide Films formed on Zr-Nb alloy in L-Ascorbic acid: Solvent Studies by SEM At National Seminar on National Seminar on Science & Technology for Indigenous Development in India organized by Indian Science Congress Association, Hyderabad Chapter, 22nd -24th Feb, 2016.
13.	Dr.B.Anupama	DNA/Protein Binding, Antioxidative, Antimicrobial Studies of Metal Complexes with Anthranilic Acid Schiffbase, International Journal of Inorganic and Bioinorganic Chemistry, Jan 2016.
14.	Dr.B.Anupama & Dr.P.JhansiLakshmi	Synthesis, Characterization of metal complexes with Anthranilic Acid based Schiff base: DNA Binding- Cleavage, antimicrobial, antioxidative and BSA binding studies, International Journal of Inorganic and Bioinorganic Chemistry, Jan 2016, Vol6(1)pages 11-22 ISSN 2249-8540
15.	Dr.B.Anupama	Presented a paper on DNA / BSA Binding Properties and Antioxidative Studies of Ternary Cu(II) Complexes of Schiff base Ligand and Heterocyclic Bases. National Seminar on "Science &Technology for Indigenous Development in India" from 22nd & 24th Feb 2016 (got 2nd poster award)
16.	Mrs.K.Krishnaveni	"Synthesis, Characterization And Fungicidal Activity Of Ternary Metal Complexes Of Biologically Active Molecules" at National Seminar on science & Technology for Indigenous Development in India. Organized by The Indian Science Congress Association Hyderabad Chapter
17.	Ms.B.Suchitha	"Recent Developments in Chemical Sensors" at National Seminar on Science & Technology for Indigenous development in India. Organized by The Indian Science Congress association Hyd Chapter
18.	Ms.K.Prasanna	"Synthesis of Chalcones by Aldol Condensation Analyzed by Solid NaOH" at National Seminar on Science & Technology for Indigenous development in India. Organized by The Indian Science Congress association Hyderabad Chapter.
19.	Ms.D.Sravanthi	"Extraction and Detection of Organo Chloro Pesticides from biological matrices" at National Seminar on Science & Technology for Indigenous Development in India. Organized by The Indian Science Congress Association, Hyderabad.
20.	Mrs.M.Pallavi	"Cheiloscopy" at National seminar on Science & Technology for Indigenous Development in India, Organized by The Indian Science Congress association Hyderabad Chapter.
	Computer Science	
21.	W.Sarada & B.VijithaMalani	The ICT as a Prominent Tool in Open and Distance Learning, ISBN-978-93-84845-18-6[Two day International Conference on Developing Thinking and Learning with ICT:Changing Education for Future Needs]
22.	W.Sarada	A comparative Study and Analysis of Searching and Sorting Algorithms, ISSN-2278-1323, International Journal Advanced Research in Computer Science, Engineering and Technology

Sessions Chaired/ Resource Person:

❖ Dr. J.Achyutha Devi chaired a session in a National Seminar on “Science & Technology for Indigenous Development in India”, in collaboration with ISCA, Hyderabad Chapter on 23rd Feb, 2016.

❖ Ms. K. Krishnaveni of Dept. of Chemistry Authored a book

➤ Presentations & Publications

Publications & Presentations		
S.No	Name	Details of Publication/Presentation
Mathematics & Statistics		
1	K.Kalyani	MHD Boundary Layer Flow of a Nanofluid over an Exponentially Permeable Stretching Sheet with Radiation and Heat Source / Sink, International Journal of Transport Phenomenon of Nano and Micro Scales 4(1):44-51 (Jan 2016)
2	Sarada Kesiraju and V.JhansiRani	A Fixed point Theorem on S-metric Spaces with a weak S-metric, International Journal of Mathematical Archive (Jan 2016) – UGC Journal
Biotechnology		
3	K.Deepthi Priya	Presented a paper on “Studies on Screening of New Strains for the Production of Verbenone” in “National seminar Recent trends in Microbiology” on 18th and 23rd Feb 2016
Commerce		
4	Ms.P.HemaMalini	Presented paper in The National Seminar on “Agricultural Credit- Trends & Issues” at Gulbarga held on 20th & 21st March 2016.
Botany & Food Nutrition		
5.	Lt.E.M.Sunitha	A Study on the Physico-chemical Parameters and Phytoplankton in Fox Sagar Lake, Hyderabad, International Journal of Recent Research Aspects ISSN: 2349-7688, Vol. 3, Issue 1, March 2016, pp. 116-121
6.	Dr.A.Rajani	A Study on the Physico-chemical parameters and Phytoplankton in Fox Sagar Lake, Hyderabad, International Journal of Recent Research Aspects ISSN: 2349-7688, Vol. 3, Issue 1, March 2016, pp. 116-121
7.	O.Sita Kumari	Phytochemical Analysis and Antifungal Activity of Cinnamomum Zeylanicum, International Journal of Scientific research
8.	O.Sita Kumari	Phytochemical Analysis and Antimicrobial Activity of Trigonella foenum gracum (Methi Seed), International Research journal of pharmacy
9.	Dr.P.Vani	A Study on the Physico-chemical parameters and Phytoplankton in Fox Sagar Lake, Hyderabad, International Journal of Recent Research Aspects ISSN: 2349-7688, Vol. 3, Issue 1, March 2016.
10.	Dr.P.Vani	Antibacterial Activity, Antioxidant Activity and Micropropagation of Gymnema sylvestre R.Br.a Valuable Medicinal Plant, Journal of pharmacognosy and Phytochemistry

➤ New Programs Introduced

The Department of Business Management has introduced BBA from the academic year 2016-17 with an intake of 50.

➤ Collaborations & Linkages

Dept of Chemistry

With Chembiosis, 2016 - which entered into MoU Provides Coaching to UG & PG Chemistry students for competitive exams like M.Sc chemistry entrance, CSIR & GATE exams.

➤ Seminars

❖ Department of Chemistry Organized a National Seminar on “Science & Technology for Indigenous Development in India” in collaboration with ISCA, Hyderabad Chapter from 22nd - 24th February, 2016. The Chief Guest was Dr.Ashok Kumar Saxena, General President, ISCA and Key Note Address was given by Padmashri Dr. A.V.RamaRao, Chairman, AVRA Labs, Hyd.



➤ Guest Lectures

❖ Dept of Commerce organised an Extension lecture on “Direct taxes & Indirect taxes” on 28th January, 2016 for the students of B.Com & B.Sc II year by Sri G. Lal Bahadur Sastry, Chartered Accountant.

❖ Dept of Chemistry organized a lecture on “Chemistry Discoveries that changed the World” on 6th February, 2016 by Dr. RBN Prasad, Scientist & Platinum Jubilee Mentor, IICT, Hyderabad.

❖ Dept. of Chemistry organized a lecture on “How Computers generate Drugs” on 28th March, 2016 by Dr. Ravi Kumar, Scientist, Schrodinger, Bangalore.

❖ Dept. of Computer Science organised a lecture on “Computer Networks & Internet Protocols” on 18th April, 2016 by Mr.Venu Madhavan, Assistant Professor, Jagruthi Degree College & PG College, Hyderabad.



➤ Club Activities

❖ Department of English organized “Remembering James Joyce: Celebrating Bloomsday” on 30/6/2016. Discussion on James Joyce’s Epiphanies under Quills Literary Club.

➤ Industrial Tours:

❖ Department of English: organised tour with faculty members and students to the Hyderabad Literary Festival, January 2016.



❖ Dept of Chemistry and Forensic Science organised a tour to CFSL, Hyd as part of certificate course-practical training on 20.1.2016 with 65 B.Sc Forensic Science students.



❖ Dept of Chemistry and Forensic Science: Around 30 B.Sc Forensic Science students visited NIN, Hyd as a part of certificate course-practical training on 21.1.2016

❖ Dept of Botany : Horticulture tour was organized to III year B.Sc.(BZC,MBC, FNBC) Students, held at People's Plaza, Necklace Road on 28/1/2016.

❖ Dept of Chemistry and Forensic Science: Around 30 M.Sc II year organic Chemistry students visited IICT, Hyd to gain knowledge of Handling Instruments on 15.2.2016.



❖ Department of Biotechnology organized a field trip to ICRISAT, Patancheru on 26th February, 2016.



❖ Dept of Chemistry: Around 20 M.Sc II year Organic Chemistry students visited Star Tech Labs, Hyd regarding M.Sc Project works on 15.6.2016

➤ Student Participation in Inter-Collegiate Competitions

❖ MBA students, Ms. Neha Rathi & Ms. Puja Kumari, participated & won second prize in singing competition conducted on the occasion of Swami Vivekananda Jayanthi celebrations held on 12th January, 2016.

❖ Ms. G Sravani, Ms. BSreshna & A. Manisha BBM III yr Participated in open book contest held on 23rd Feb, 2017 at Ramakrishna Matt.

❖ Around 21 students from BSc III Year Chemistry and 10 students from MSc (Chemistry) II Year Students participated in Poster/Working Models Demonstration experiments held on 21-22nd Januray, 2016 at S.P.College, Padmarao Nagar.

❖ M.Archana, T.Shilpa, M.OmGayathri, J.Rajeshwari, M.Soujanya, K.Nikhitha, students of MSCs attended the Three Day Workshop on "Analysis, Number Theory and Probability Theory: A conceptual approach" at Osmania University, College for Women (Koti) on 9th Feb 2016 to 11th Feb 2016

❖ MSc Computer Science students Participated in two day Workshop on "Data Structures" in Avanthi Degree and PG College, March 2016.

Dept. of Computer Science

❖ Organized a One-Day Computer Science exhibition on the topic "Mobile Communications & Networking" for MSc

(Computer Science) I & II Year Students on 28th March 2016.

➤ Students Achievements

❖ Sana Samreen & Ateka Sultana of M.Sc(Chemistry) Ilyear **won second prize in Fun Experiments & Poster Presentation** held on 21-22nd Januray, 2016 at S.P.College, Padmarao Nagar.

❖ P.Tulasi, A.Mounika, H.Preethi, C.Chaitanya Priya, M.Swathi, Gayathri, J.Rajeshwari from B.Sc III Year won prizes in various competitions at the celebrations of "National Statistics Day" on the occasion of birth Anniversary of Late Prasanth Chandra Mahalanobis on 29th June 2016 organised by National Sample Survey Organisation (NSSO) Ministry of Statistics and Program Implementation, Govt. of India.

❖ P. Sandhya Lekha & B. Sindhu of MSc (Chemistry) II Year **Won 3rd best poster award** in Poster presentation on Nano technology in medicinal application, held on 21-22nd Januray, 2016 at S.P.College, Padmarao Nagar.

➤ Faculty Achievements:

Dr. Sumitra Jaiswal got Research Associate ship at Indian Institute of Advanced Study, Shimla

➤ Honors/ Awards:

Ms.S.Anitha. Assistant Professor in Zoology has received "Vidhya Shiromani Award 2016" on account of Teachers day by Telangana Citizens Council

➤ PhD's Awarded:

Dr Jhilam Chattaraj was Awarded PhD in English, from University of Hyderabad, March 2016.

➤ NSS/CVW

❖ NSS PO'S Meeting in Osmania University on 29th January 2016 with 2 faculty members.

❖ Special Camp for Unit-I - Chaderghat Municipal Corporation & OU on 20th February 2016 to 25th 2 Faculty, 50 students.

❖ Special Camp for Unit-II - Malakpet, Municipal Corporation & OU - 20th February 2016 to 25th, 02 Faculty, 50 Students.

❖ International Woman's day - Self Defense Awareness- Telangana Citizens Council on 13-3-2016, 02 Faculty, 275 Students.

❖ 4th Empanelled NSS - Training & Orientation Programme, Osmania University, 8-6-2016 to 14-6-2016, 02 Faculty.

❖ A Voluntary programme for assisting the Govt School Children Stars Society 17-6-2016, 06 Faculty.

❖ International day of Yoga Heartfulness Sahajmarg Society on 21st June 2016, 02 Faculty, 100 Students

❖ Go-green Cricket cup-"TREES & ENVIRONMENT, Pollution Control Board, 26-6-16, 02 Faculty, 50 Students.

❖ Fund raising - Selling of the New Year greeting cards prepared by the children of MANASA, 2015-16.