

Session 2022-2023
(Cross-cutting issues included in Syllabus)

Professional Ethics:-

BBA FIRST YEAR

Paper IV

Foundation Course in Organization behavior

Unit I: Organizational Behaviour - The nature of organisations: Why do organisations exist? Components of organisations; Organisations as open systems, Managers in organisations, Productivity and managerial performance, Value-added managers, The manager's challenge, Organisational behaviour and the new workplace.

Unit II: Foundations of Individual Behaviour - biographical characteristics, ability, and learning, **Perception:** Introduction, Halo effect, Stereotyping, pigeonholing and compartmentalisation; Self-fulfilling prophecy; Perceptual mythology; other influences on perception.

Unit III: Attitudes and values - Attitudes, Components of attitudes, Attitudes and behaviour, Attitudes and cognitive consistency, Job satisfaction as an attitude; development Values, Sources and types of values, Patterns and trends in values, Managing values and attitudes.

Unit IV: Motivation- Concepts, Theories of Maslow, Herzberg, McClelland, Porter & Lawler Model, Application of Motivation concept, Individual motivation and motivation in the organization, Cultural Differences in Motivation, Intrinsic and Extrinsic Motivation, Role of motivation in human behaviour.

Unit V: Foundations of group behaviour - The nature of groups: groups and teams, informal and formal groups, purpose of teams, Teams and team building: selecting team members, team roles, stages in team development, team building, team identity, team loyalty, commitment to shared beliefs, multi-disciplinary teams.

Unit VI: Organizational Development - Goals of organisational development: Principles underlying organisational development, Ethical aspects of organisational development, The process of organisational development.

Environmental and sustainability into the Curriculum:-

BBA SECOND YEAR

Paper VII

Environmental Management

Unit I: Introduction to Environment Management - Definition, Scope & importance, Need for public awareness- institution in environment, People in environment, Fundamentals– sustainable development, Unsustainable to sustainable development.

Unit II: Natural resources - Renewable and non renewable resources, and associated problems, Role of an individual in conservation of natural resources; equitable use of resources for sustainable life cycles; Preserving resources for future generation, the rights of animals.

Unit III: Air Pollution:- Definition Air pollution, causes, effects & control, Green house effect, pollution: Vehicles, Industry households, Global warming, Ozone layer depletion, effects & remedies, Role of individual and institution in preventions of Air pollution.

Unit IV: Water and marine Pollution - Definition water pollution, causes, effects & control; Management of water: Hard & Soft water, contaminants, Acid Rains; Pollution by sewerage, industry runoff degradation due to biological changes; Sea water pollution & degradation of Marine; Role of individual and institution in preventions of water & marine pollution.

Unit V: Human population & environment - Global population growth, variations among nations. Population explosion, Family welfare Programmes-methods of sterilization; Urbanization, Environment & human health-climate and human health, infectious diseases, water related diseases, risk due to chemicals in food, Cancer and environment.

Unit VI: Social issues and environment - Construction of dams: problems and concerns of resettlement, rehabilitation of affected people; Conservation: energy, water, forest, soil, strategies for conservation; Environmental ethics– issues and possible solutions.

Paper IV

Business Ethics

Unit I: Ethics - An introduction, Concept of ethics, Values & Ethics – Meaning & Types of Values, Ethical Action–Morals, Morality, Moral development pyramid, Beliefs, Religiousness and Law.

M.Sc.Chemistry

Semester III
Paper XI (Code: 3T3)
Elective- Environmental Chemistry

60 h (4 h per week): 15 h per unit

80 Marks

Unit -I: Concept and scope of Environmental Chemistry **15 h**

Biosphere, Lithosphere, Hydrosphere and Atmosphere, Ecological principles- aspects of ecology, classification, types of ecosystems. Biogeochemical cycles- carbon, nitrogen, phosphorous, oxygen, hydrogen, sulphur, iron, sodium, potassium, magnesium, cobalt, mercury, lead, zinc and cadmium. Thermal pollution—sources, harmful effects and prevention of thermal pollution. Noise pollution --- sources, effects and control of noise pollution.

Unit-II: Water **15 h**

Origin, physico-chemical properties of water, sources of water, hydrological cycle, criteria of water quality, Water management- water shed management, rain water harvesting, water pollution- sources, consequences and harmful effects of water pollution, strategies for water pollution control.

Unit-III: Air **15 h**

Major regions of the atmosphere, composition of the atmosphere, temperature inversion and air pollution episodes, photochemistry of the atmosphere, depletion of the stratospheric ozone, green house effect, green house gases, remedial measures for reversion of green house effect, acid rain, photochemical smog, particulate matter.

Unit-IV: **15 h**

Soil: Chemical and mineralogical composition of soil, classification of soil, types of soil- saline and alkaline, physical properties – texture, bulk density, permeability, chemical properties—Ion exchange capacity, soil pH and micro and macro nutrient availability. Soil management— Management of saline and alkaline soil, soil indicator plants,
Radioactive Pollution: Introduction to radiation chemistry, sources of radioactive pollution, effects of radioactive pollution, nuclear disasters in the two decades, protection from radiation, control of radiation.



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

NOTIFICATION

No. 2.

Dated: 27 February, 2007

It is notified for general information of all the concerned that the Hon'ble Vice-Chancellor has approved under Section 14(7) of the Maharashtra University Act, 1994 on behalf of Academic Council accepting the syllabus for compulsory course of six month duration in **Environment Studies at under graduate course of all branches and faculties of higher education on the guidelines of already accepted and approved pattern of UGC model to be implemented for the session 2007-2008.**

Encl:- Syllabus

K. B. Saini
Registrar,

Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur.

Nagpur Dated 27th Feb., 2007

No. Acad./1437.

Copy forwarded for information and necessary action to:-

1. All Principals/Directors of all colleges affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
2. All the Deans of the Faculties, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
3. The Controller of Examinations.
4. The Deputy Registrar (Exams.)
5. The Asstt. Registrar (Prof. Exams./Exams.)
(Confidential/Exams. & Inq.)
6. The Asstt. Registrar (University Sub-Centre), Gadchiroli
7. The P. A. to the Hon'ble Vice Chancellor,
8. The P. A. to Hon'ble Pro-Vice Chancellor,
9. The P. A. to the Registrar,

Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur



(Ar. Vilas Ramteke)
Deputy Registrar (Acad.)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur.

(Signature)
Principal

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Sindhu Mahavidyalaya, Nagpur-17.



Guidelines for Implementation :

- I. The theory question paper would carry 75 marks – 50 for objective type questions covering various aspects of the syllabus (50 questions, each of one mark) and 25 marks for one essay type question.

At the end of the course the student would be evaluated for 100 marks with distribution as below –

Field note book	-	25
Objective Questions	-	50
Essay type question	-	25
Passing marks	-	40

The result would be declared in grades –

Grade O : above 75; A : 61-75; B : 51-60; C : 40-50

- II. A fee of Rs.100/- per student be charged and its utilization is as : Rs.20/- will be sent to the university and Rs.16/- to Principal to be utilized for infrastructure and administrative expenses pertinent to the course. However the final fee structure may be decided by the appropriate authority of the University.
- III. The Principal would appoint Coordinator and Assistant Coordinator as per need to coordinate the teaching of the course, appoint contributory teachers, if necessary. At the end of the course, the college would conduct the examination. It will appoint paper setters and examiners. The final grades of candidates should be informed to the university. The expenditure for all the required manpower be met from the remaining amount of fees.
- IV. Qualifications of a Teacher : A teacher in any subject possessing knowledge to teach the "Course on Environmental Studies" shall be eligible.
- V. The course should be taught in second year and can be cleared in third year in case the student remains absent or fails to clear the course.
- VI. The candidate will have to pass in the examination of this course in order to obtain degree certificate from the University.

OR batch 20

In view of entire course the student may be assigned a project work Encompassing Community/Biodiversity Register (CBR) of any Gram-Panchayat as per format of National Biodiversity Authority of India under the guidance of a teacher. This CBR should be evaluated for 100 marks.

cop/curriculum environment

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Core Module Syllabus for Environmental Studies for Undergraduate Courses of all branches of Higher Education

Unit 1: The Multidisciplinary nature of environmental studies

- Definition, scope and importance
- Need for public awareness

(2 lectures)

Unit 2: Natural Resources

- Renewable and non-renewable resources
- Natural resources and associated problems
 - a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
 - b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
 - c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
 - d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
 - e) Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, case studies.
 - f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification
- Role of an individual in conservation of natural resources
- Equitable use of resources for sustainable lifestyles

(8 lectures)

Unit 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids
- Introduction, types, characteristic features, structure and function of the following ecosystems:
 - a. Forest ecosystems
 - b. Grassland ecosystems
 - c. Desert ecosystems



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- d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lectures)


Unit 4: Biodiversity and its conservation

- Introduction: Definition: genetic, species and ecosystem diversity
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, national and local levels
- India as a mega-diversity nation
- Hotspots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered and endemic species of India
- Conservation of biodiversity: *In-situ* and *Ex-situ* conservation of biodiversity

(8 lectures)

Unit 5: Environmental Pollution

- Definition
- Causes, effects and control measures of:
 - a. Air pollution
 - b. Water pollution
 - c. Soil pollution
 - d. Marine pollution
 - e. Noise pollution
 - f. Thermal pollution
 - g. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquakes, cyclones and landslides


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(8 lectures)

Unit 6: Social Issues and the Environment


- From unsustainable to sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case studies.
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.

- Wasteland reclamation
- Consumerism and waste products
- Environment Protection Act
- Air (Prevention and Control of Pollution) Act
- Water (Prevention and Control of Pollution) Act
- Wildlife Protection Act,
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness

(7 lectures)

Unit 7: Human Population and the Environment

- Population growth, variation among nations
- Population explosion – Family Welfare Programme
- Environment and human health
- Human Rights
- Value Education
- HIV / AIDS
- Women and Child Welfare
- Role of Information Technology in Environment and human health
- Case Studies


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(6 lectures)

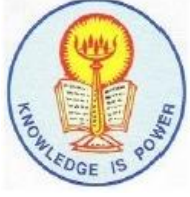
Unit 8: Field Work

- Visit to a local area to document environmental assets—river / forest / grassland / hill / mountain
- Visit to a local polluted site—Urban / Rural / Industrial / Agricultural
- Study of common plants, insects, birds
- Study of simple ecosystems—pond, river, hill slopes, etc.

(Fieldwork Equal to 5 lecture hours)

Teaching Methodologies

The Core Module Syllabus for Environmental Studies includes classroom teaching and fieldwork. The syllabus is divided into 8 units, covering 50 lectures. The first 7 units, which cover 45 lectures, are classroom-teaching based and intended to enhance knowledge skills and attitude to environment. Unit 8 is based on field activities, to be covered over five lecture hours, and would provide students with first-hand knowledge on various local environmental aspects. Field experience is one of the most effective learning tools for environmental concerns. This moves education out of the scope of the



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WOMEN EMPOWERMENT CELL



Women Empowerment Cell (WEC) of Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur organized following programmes in the session 2022-23.

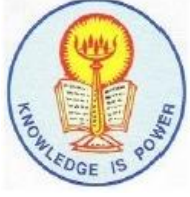
1) **Mehendi Competition-** Cultural Committee of the college in association with Women Empowerment Cell organized Mehendi Competition on Wednesday, 10th August 2022 in Dada Bakhru Auditorium. 54 girls participated enthusiastically in this mega event and applied mehendi. Mrs. Sarla Keswani, Dr. Sangeeta Rughwani and Mrs. Simran Motwani graced the occasion as judges. Ms. Jannat Ansari of B.Sc. III bagged 1st prize, Ms. Tanu Sharma of B.Com. I won 2nd prize and Ms. Shainila Anjum of B.Sc. I year bagged 3rd prize. Ms. Faraziya Firdos of B.Sc. Ist year, Ms. Pallavi Raut of B.Com. I year, Ms. Sehar Hasan of B.Com. I year, Ms. Sadaf Sayyed of B.Sc. I year and Ms. Krishika Bhojwani of B.B.A. Part 3 bagged consolation prizes.



Principal and Vice-Principals during Prize Distribution




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- 2) **75th Azadi ka Mahotsava Celebration** - To mark Amrit Mahotsav, girl students and teachers of the college celebrated Raksha bandhan by tying 75 rakhis to 75 trees to mark 75th Azadi ka Mahotsava. Dr. Zeenat Kashmiri, member Women Empowerment Cell guided the students for this activity. Principal Dr. V.M. Pendsey, Vice Principals, Dr. S. V. Tewani, Dr. A. G. Thadani, Dr. Milind Shinkhede and Mr. Manoj Yenpendiwar (Junior College) and Dr. Yogesh Bhute, Coordinator, IQAC were present on this occasion. Dr. Suman Keswani compered the program whereas



Dr. Sapna Tiwari proposed a formal vote of thanks. Dr. Qureshi, member, Cultural Committee and Dr. Pinky Sonarghare, member, Women Empowerment Cell assisted the organizing committee and students. The program was supervised by Women Empowerment Cell and Cultural Committee Incharge Dr. Leena Chandnani.

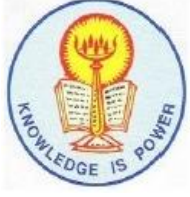
- 3) **Visit to Panchpaoli Police Station-** The members of Women Empowerment Cell of the college visited Panchpaoli Police Station on 18th October 2022 and greeted the police department employees on the occasion of Diwali. They also distributed sweets to them as a token of respect and thanked them for timely help and security provided by them specially to girl students as the institution and police station are in the same vicinity. Mr. Sanjay Mende, Senior Police Inspector, Panchpaoli Police Station and other staff members were greeted by Principal Dr V. M. Pendsey, Vice Principals, Dr. Satish Tewani and Dr. Anand Thadani. Women Empowerment Cell Coordinator Dr. Leena Chandnani, ICC Coordinator Dr. Zeenat Kashmiri were accompanied by Dr. Seema Achpilla, Dr. Kaushik, Dr. Wanjari and registrar Mr. Naveen Agrawal.



WEC Committee members with Mr. Sanjay Mende, PI




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- 4) **Savitribai Phule Jayanti Celebration-** Women Empowerment Cell and Rotaract Club of the college paid tribute to Smt.Savitribai Phule, a renowned social reformer, educationist and poeton Tuesday, 3rdJanuary 2023. The function started with garlanding the photo of Smt. Savitribai Phule. About 50 girl students and female staff members were present on this occasion. Dr. Leena Chandnani, Incharge, WEC spoke at length about the contribution of Smt. Savitribai Phule. Dr. Sapna Tiwari conducted the proceedings while Dr. Suman Keswani proposed a formal vote of thanks. Dr. Seema Achpilla, Dr. Reema Kamlani, Dr. Richa Kalyani, Dr. Bhavna Chaudhary,Dr. Janavi Gumnani, Mrs. Priya Yende, Mrs. Renu Tiwari, Mrs. Bhavna Lalwani, Mrs. Borkar, Mrs. Renu Shamnani and Ms. Nikita Dembla were present on this occasion.

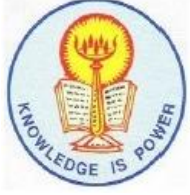


Savitribai Phule Jayanti Celebration

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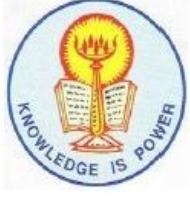
- 5) **Essay Competition** - On the occasion of National Women's Day, 13th February Women Empowerment Cell of the college organised essay competition on the topic Role of Women in the Development of India. Total 42 students participated in the competition. The winners were, 1st prize- Suhani Kori BCom 1, 2nd Prize- Zeba Sheikh BCom 1(Hindi medium), 3rd prize- Shreya Gedam BCom 1 (Hindi Medium), Consolation prize- Isman Burbure BCom 1 (English Medium) Sakshi Bhaisare BCom 1(English Medium).



- 6) **International Women's Day Celebration-** On the occasion of International Women's Day the members of Women Empowerment Cell of the college visited Panchpaoli Police station on Wednesday, 8th March 2023 at 10.30 a.m. and greeted the Women Police Officers and acknowledged their selfless service towards society. Vice Principals Dr. Milind Shinkhede and Dr. Sunita Hiwarkar, QAC Coordinator Dr. Yogesh Bhute, Women Empowerment Cell Incharge Dr. Leena Chandnani, ICC Cell Incharge Dr. Zeenat Kashmiri, Dr. Mukesh Kaushik, Dr. Jayant Walke, Dr. Sapna Tiwari, Dr. Sushmita Mandavgane, Dr. Sujata Mankar, Dr. Seema Achipala, Dr. Bharti Anerao, Dr. Reema Kamlani, Dr. Suman Keswani, Dr. Richa Kalyani, Dr. Bhavna Chaudhary, Dr. Rupali Wanjari, Dr. Pooja Mohabe, Dr. Kavita Apjake and 50 girl students accompanied them. PSI Sandhya Kohli and Dhadhkular, PC Geeta, Sonu and Ashwini and other Police Officers heartily welcomed the teachers and students. It was a wonderful experience for all. Later the teaching and non-teaching female staff members celebrated International Women's Day with great zeal and enthusiasm in the college auditorium.




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WEC along with Police Station Staff



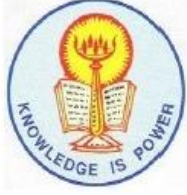
Prize distribution of essay competition winners by the hands of Lady PSI



International Women's Day Celebration in College auditor




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Rotaract Club

Rotaract Club of Dada Ramchand Bakhru Sindhu Mahavidyalaya that works under Extension Cell of the college and under the banner of Rotary club ,Nagpur North zone has been conferred with the prestigious 'Rotary Citation Award' by Rotary International for session 2021-22. This award is given to those Rotaract clubs which render selfless service to the society by taking up community projects.

The club also won Best Project Award for “Mega tree plantation” Also the club was conferred by “Donation of smokeless stove and food kits” by Rotary Club Nagpur North. Also Secretary of the club Ms Tejaswini Parteki got Best Secretary award and Ms Tanu Bose got Best Treasurer award in the Nagpur North zone.

The Rotaract club of the college with more than 200 members took up many projects during the session 2022-23.

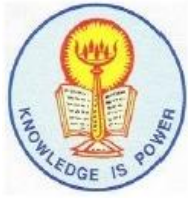
Just after installation of new team in July 2022,the club carried out a small activity of “fabric unity” Celebrating 75yrs of independence as Amrut Mahotsav, Maha-handloom aiming for Asian book of Records and India Book of records by weaving 75 metres of handloom fabric by maximum people on a single loom. 15 Rotaractors from the Rotaract Club of DRB SMV participated in this Grand event by weaving few threads on the loom held on 29th July. The Master Weaver guided the Rotaractors through the process of weaving, wherein each person experienced the efforts and joy of creating fabric.



The club carried out 75TH AZADI KA AMRIT MAHOSTAV AT SHANKAR NAGAR SQUARE




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On the occasion of 75th year celebration of Independence Day at Shankar Nagar Square by the Rotarians and Rotaractors of Rotary Club of Nagpur North (RCNN). 10 Rotarians were present for the celebrations along with the 20 Rotaractors from DRB Sindhu Mahavidyalaya College Nagpur.

At 9:09 exact, the entire traffic at the square was brought to a stand still and the National Anthem was played. It was a mesmerizing moment when everyone present at the square came out of their cars and two wheelers and everyone joined in paying their tribute to the Nation on the occasion of the Azadi ka Amrit Mahostav.

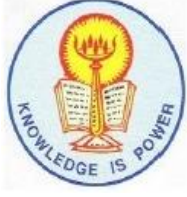


On 11th October rotaract of DRB SMV Nagpur jointly with NMC which has started a very noble movement in which many other organisations and NGOs of the city are also participating. The main idea is to make people aware of waste disposable and waste management.

The government is starting with Dharampeth zone and we have got 2 areas of Sadar . We need to have a team of around 12/15 members and we would be accompanied with NMC officials and waste management officials . We need to go around the area allocated to us and talk to owners of houses in Sadar area and make them dispose garbage properly and segregated. We have to do this on Tuesday 11/10/2022 at 6.00 am in the morning. Lady members, Rotractors and elder Rotakids can also participate in this project.




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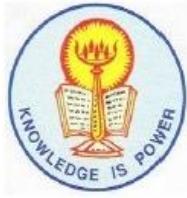
On 21st November Rotaract Club of SMV successfully conducted their Veg Biryani stall in Haat Bazaar at College Quadrangle, DRB Sindhu Mahavidyalaya today. All the items were sold out within a few hours and the Club raised a profit of Rs.7,200 through this event. All the funds raised from the selling through the stall will go towards the donation of the annual event of Rotaract Club of SMV "Samvedna" : the blanket distribution for the needy as cold, chilly Winters are around the corner.



On the occasion of the Children's Day a session on Mental Health was organized by Rotaract Club of SMV for the students of SMV. The session was conducted by Rtn Nidhi Rughwani. This session was specially conducted taking into consideration the emotional stress and emotional pressures faced by the young minds. The difficulty they face in dealing with various situations and to become mentally strong and overcome the emotional stress. The session was very nicely conducted by Nidhi ma'am and in an interesting way through Bollywood songs. More than 25 Rotaractors and 4 teachers attended the session. The speaker was introduced by R/Ann Gayathri Band and Vote of Thanks was proposed by Youth Director Rtn Swapnil Band.



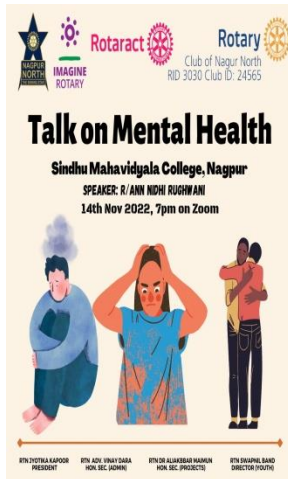

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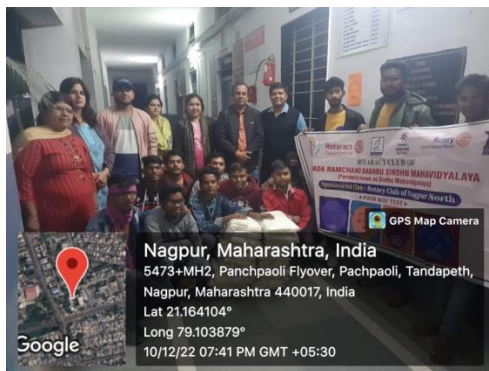
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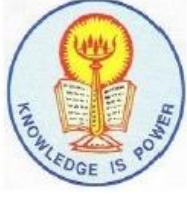
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The club organized an event for Samvedna Blanket and Shawl Distribution 2022 On the occasion of Human Rights Day which falls on 10th December, Rotaract club of Dada Ramchand Bakhru Sindhu Mahavidyalaya distributed 150 blankets and shawls to the needy at different places of Nagpur city. The main aim of this activity Samvedna was community service. 20 Rotractors of the Club under the supervision of Youth Services Director RCNN carried out the activity of distributing blankets and shawls. Teacher Coordinator of the Club Dr Suman Keswani and Co-coordinators Dr Reema Kamlani ,Dr Damini Motwani, Dr Richa Kalyani, Dr Babita Yadao worked hard for the activity.




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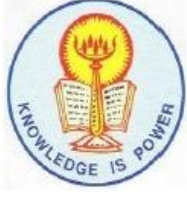
On 26th January the activity Walk For Peace and Heritage Conservation more than 30 Rotaractors from Rotaract Club of DRB SMV participated in the Walk for peace and Heritage Conservation from RBI square to Sitabuldi Fort. Fellowship was followed post the Walk for peace.



As a part of Rotary week celebrations, Nukkad Natak was performed by the Rotaractors of DRB Sindhu Mahavidyalaya College on the theme "Social Media awareness" drive showcasing the advantages and disadvantages of Social Media today 23rd February at Japanese garden, Seminary Hills and Walker's Street. The event was organized by the Youth, supported and coordinated by Rtn Jatinder Pal Singh Wahan and under the Guidance of Rtn Pooja Khatri. More than 15 Rotaractors of DRB SMV participated in Nukkad natak. They were motivated and cheered by fellow Rotarians.




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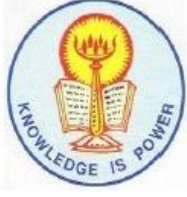


As a part of Rotary week celebrations, Nukkad Natak was performed by the Rotaractors of DRB Sindhu Mahavidyalaya College on the theme PUC awareness drive showcasing the importance of regularly doing the PUC of the Vehicles today near Reliance Petrol Pump, Katol Road. More than 15 Rotaractors and two teacher coordinators participated in today's Nukkad Natak. The event is being organized by the Youth, supported and coordinated by Rtn Jatinder Singh Wahan and under the Guidance of Rtn Pooja Khatri.

The students enacted three street plays and pamphlets about PUC awareness were distributed to the people driving two or four wheelers in Katol Road.




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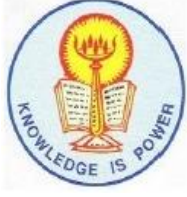
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Rotary club of Nagpur north organised the artificial limbs camp in association with Mahavir international service trust on 22th to 25th April 2022 9:00 a.m. to 6:00 p.m. There were more than 6 volunteers everyday from Rotaract club of Dada Ramchandra Bakhru Sindhu Mahavidyalaya. This project is also known as project Sahaita. In this project, the Chairman of Mahavir International Service Trust Archana Javery, Chief Secretary of Mahavir International Service Trust Vipul Kothari, President of Rotary Club of Nagpur North Jyotika Kapoor and many more from the Rotary Club of North Nagpur were present there to help the needy people. In this project, those who don't have legs were put on artificial legs.




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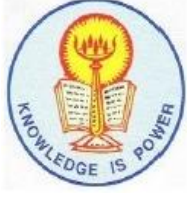
On friendship day the rotaract club of DRB SMV went to orphanage and enjoyed a lot. Rotaract club of DRB SMV have also went for volunteering at event. Also went for inauguration of futala lake . celebrated teacher's day by cutting cake . went for volunteering at garba event organized by vicky kukreja . on computer litracy day awarness program was there to know about rotary work. Went ambika farms for fun and fellowship activity .

The college club has seen the light of the day because of painstaking efforts of Principal Dr S V Kasbekar and Vice Principals Dr S V Tewani and Dr A G Thadani and Mr Vijay Patil.

Late Shri H R Bakhru, President Sindhi Hindi Vidya Samiti, Dr Vinky Rughwani, Chairman ,and Dr I P Keswani, General Secretary congratulated the Rotaract team for this wonderful achievement.




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National Service Scheme (NSS)

Report (2022-23)

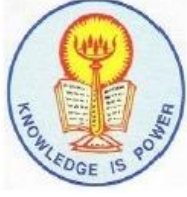
A scheme for students sponsored by Ministry of youth affairs & sports, Government of India for the U.G. & P.G. students was launched during Gandhi Centenary Year (1969). Dada Ramchand Bakhru Sindhu Mahavidyalaya has unit of 207 students as volunteers since 2001 with a goal "Education through Community Service and Community service through Education". The motto of NSS is "Not Me But You". The NSS is part of our academic, social and personal life as it is the third dimension of education. It allows the students to actively contribute their services for the cause of community and the nation, thus helping them to develop their personality. NSS is the platform where students may get involve with real life social activities and thereby become responsible citizens of India.

The events such as **Nirmalya Sankalan, Swachchhata Rally, Cleaning Drive, Blood Donation Camp, Joy of giving, and "What is not Charity"** is an open discussion about what best an individual can do for the rehabilitation and upliftment of the beggars of our society are wonderful & memorable experiences to volunteers. The scheme also provides incentive marks & certificate issued by university.

Objectives of National Service Scheme:




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1. To enable the students to understand the community in which they work.
2. To understand themselves in relation to their community.
3. To identify the needs and problems of the community and involve them in problem solving process.
4. To develop among themselves a sense of social and civic responsibility.
5. To utilize their knowledge in finding practical solutions to individual and community problems.
6. To develop competence required for group-living and sharing of responsibilities.
7. To Gain skills in mobilizing community participation.
8. To acquire leadership qualities and democratic attitude.
9. To develop capacity to meet emergencies and national disasters.
10. To practice national integration and social harmony.

Composition of cell:

Program Officer:

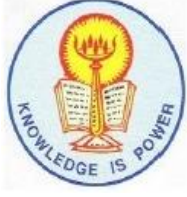
1. Dr Sunil Dahire
2. Dr. Satish Tewani

Members:

1. Dr Pooja Mohobe
2. Dr Amit Nanwani
3. Dr Rupali Wanjari
4. Ms. Babita Yadao
5. Dr. Richa Kalyani




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6. Dr. Avish Patil
7. Dr. Ragini Marganwar

Activities Conducted by NSS

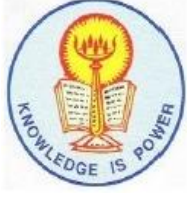
1. Nirmalya Sankalan (9th Sep 2022)



The activity was conducted on the occasion of Ganpati Visarjan. Around 80 NSS volunteers and 8 faculties of the college participated in it at Naik Talab. In this program, NSS students of the college made the people aware about the effects of polluting natural water resources. The colour and Flower of Ganesha idol badly




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affect aquatic life. Through this activity, NSS students gave message to save environment and collect the Nirmalya from the people.

2. Swachchhata Rally (2nd Oct 2022)



नवभारत



छात्रों ने निकाली रैली, दिया संदेश

नागपुर, महानगर संवाददाता. दादायामचंद बाखरू सिंधु महाविद्यालय में गांधी जयंती के अवसर पर स्वच्छता अभियान चलाया गया. इस दौरान विद्यार्थियों ने रैली भी निकाली. इसमें राष्ट्रीय सेवा योजना के छात्र और शिक्षक, कर्मचारियों ने उत्साह के साथ

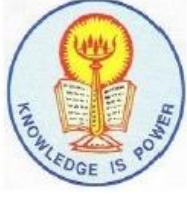
हिस्सा लिया. रैली में फलक और नारों के माध्यम से जनजागृति की गई. इस अवसर पर प्रोग्राम ऑफिसर डॉ. सुनील दहिरे, उप प्राचार्य सतीश तैवानी, पूजा मोहोबे, अमित नानवानी, रिचा कल्याणी, बबीता यादव, वंजारी, अवीश पाटिल उपस्थित थे.

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A Rally was organized on the occasion of Gandhi Jayanti. Students try to make the people aware the need for cleanliness in the locality through banners and road skit. 47 volunteers and 10 faculties participate in it.




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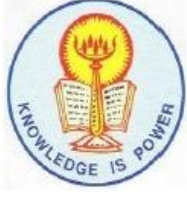


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3. Cleaning Drive (2nd Oct 2022)




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Cleanliness drive has been conducted by NSS Volunteers on the occasion of Gandhi Jayanti on 2nd October 2022 in the college premises under the guidance of Dr Satish Tewani and Dr Sunil Dahire. More than 58 students and faculties energetically participated in the program.

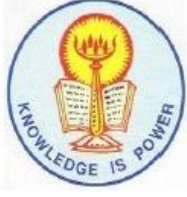
4. Joy of Giving (6, 7 & 8th Oct 2022)



NSS unit of DRB Sindhu Mahavidyalaya in association with Goonj Foundation had organized a 3 days program in which usable things like clothes, Utensils, Shoes, Medicines, Toys, etc were collected. A large number of students and staff donated their belonging which was been handed to Goonj Foundation for distribution amongst the needy ones.




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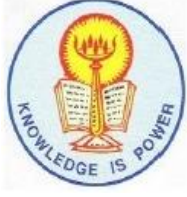
5. Blood Donation Camp (3rd Feb 2023)



National Service Scheme (NSS) unit of Dada Ramchand Bakhru Sindhu Mahavidyalaya had organized blood donation camp on 3rd Feb 2023 in association with Jeevan Jyoti Blood bank. 51 people including students, teaching, non-teaching staff and many others donated the blood in the camp. Certificates, water bottles and refreshment had been given to the donors. 146 people came forward to test their Blood pressure, Hemoglobin, blood group etc. NSS volunteers assessed and helped in the camp. Dr. Vinky Rughwani, Chairman, Sindhi Hindi Vidya Samiti appreciated all the donors.




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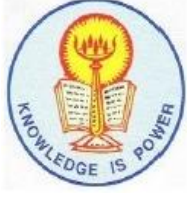
6. What is not Charity (4th Feb 2023)



“What is not Charity” is an open discussion about what best an individual can do for the rehabilitation and upliftment of the beggars of our society on 4th Feb 2023 under the banner of NSS, DRB Sindhu Mahavidyalaya in association with Shreeved foundation. Chief guest of the session was Mr Prasad Fadnavis, owner of a firm called “Ved money”, a well known journalist and founder of Shried foundation enlightens the gathering about the real conditions of beggars in the society.




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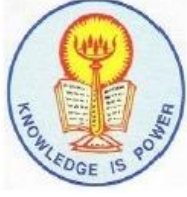
The next session was conducted by Mr. Devraj Patil, an active member of youth rural association, associated with the Police Department, AHTU, SSB etc. He builds awareness amongst the youth of the college on heinous crimes of Human Trafficking, & crime against women.

Further, Ms. Amarja Khedikar, an childline coordinator of Vardaan IAPA & Child Welfare, a member of District Children's home investigation committee, state intelligence Nagpur division shared some terrifying cases been held undercover of begging in the society.

Our next guest Mrs Gauri Deshpande, Director General of Shreeved foundation, counsellor, secretary of "Mahavan Network", a writer and freelance journalist shared some stories of some runaway childrens trapped at Nagpur Railway Station been helped and counselled by them and what a individual can do for the upliftment of the beggars. Students added more stars to the event by performing a heart touching skit on the subject.




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EXTENSION ACTIVITY CELL

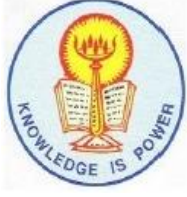
SWACHHTA ABHIYAN

Extension Activity Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya organized “Swachhta Abhiyaan” Programme on the occasion of Gandhi Jayanti on 1st October 2022. The main purpose of this program was to create awareness among the students regarding Cleanliness and its benefits.

Students of B.SC., B.Com. and M.Sc. participated in this program with zeal and zest. Even teachers were an essential part of this drive. As a part of this Cleanliness Drive, the premises of Panchpaoli Police Station, Nagpur, and its surrounding area were cleaned by the students. Some of the students picked brooms and started their job. Some of the students collected garbage. All the students seemed happy to participate in such an awareness drive and felt that they somehow contributed something to society. After doing this job for two to three hours, we all assembled in the college. There we were given refreshments to the students and staff. PSI Vikas Manapiya and Police Hawaldar Deepak Kundawale supported the students for noble work. The Coordinator of the program was Dr. Pinky Sonarghare. Extension Cell Members Dr. Sandeep Hate, Dr. G Ramchandra Rao, Dr. Damini Motwani, Dr. Prachi Lambat, Dr. Nakhtode, and Mrs. Babita Yadav worked hard




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for the success of the event. Prominently present on the occasion were Vice-Principal Dr. A.G Thadani, Dr. M. Kaushik, Dr. A. Qureshi, Dr. R. Khapekar, Dr. S. Kharkate, Dr. Reema Kamlani, Dr. Richa Kalayani, Dr. Bhavna Choudhary and Dr. Shyamkumar Shende.



Teachers and students at Swachhta Abhiyaan Event

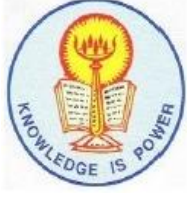
Panchpaoli Police Station, and its surrounding area were cleaned by the students

AWARENESS ON CYBERCRIME

Extension Activity Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya organized “Awareness on Cyber Crime” Programme on 1st October 2022 at Panchpaoli Police Station, Nagpur. The awareness program aims to create consciousness about cyber security and cybercrime among students and faculty




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members. PSI Vikas Manapiya briefed students that Cyber security becomes the need of the hour for companies around the world and this is the right time to educate ourselves about the cyber-crime happening around us. He talked about the increasing E-frauds & Security issues and shared the internet guidelines which served as a major piece of information for everyone. The program was coordinated by Dr. Pinky Sonarghare. Extension Cell Members Dr. Sandeep Hate, Dr. G Ramchandra Rao, Dr. Damini Motwani, Dr. Prachi Lambat, Dr. Nakhtode, Mrs Babita Yadav worked hard for the success of the event. Vice-Principal Dr. A.G Thadani, Dr. M. Kaushik, Dr. A. Qureshi, Dr. R. Khapekar, Dr. S. Kharkate, Dr. Reema Kamlani, Dr. Richa Kalayani, Dr. Bhavna Choudhary and Dr. Shyamkumar Shende were present for the program.



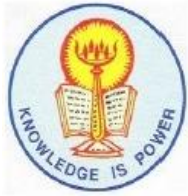
PSI Vikas Manapiya briefed students about Cybercrime



Teachers and students at the Awareness on Cyber Crime event




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JOY OF GIVING

Extension Activity Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya organized “Joy of Giving” program at “Vidarbha Premier Sahanivas” Society week from 8th to 9th October 2022. In this event members of society donate money and clothes and participated in this noble cause. Goonj is turning discarded & underutilized material of cities into a tool to bring ignored issues to light & convert them into resources for rural development. Cloth Materials donated by members of the society were transferred to the Centre of Goonj for further processing. All the activities were conducted under the able guidance of Mr. A. Mundhada. All the activities were monitored by Dr. Milind Shinkhede, Dr. P. Sonarghare, and Dr. Sandeep Hate.



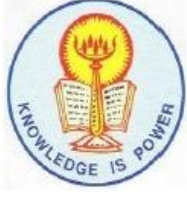
Teachers at Vidarbha Premier Sahanivas Society



Collections of clothes at Vidarbha Premier Sahanivas Society




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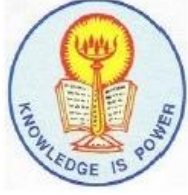
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SAFE HOLI CAMPAIGN

Holi is one of the most enjoyable and colorful celebrations in India and smearing colours on one another is a tradition. But the colors available in the market contain chemicals that are harmful to nature as well as people. During this festival, we knowingly or unknowingly damage our environment and natural resources. Water wastage and chemical colors harm the skin, Apart from impacting our health, the use of chemical colors gets mixed with the soil thus harming the local biodiversity. To make people aware of such issues and impacts and to promote Eco – friendly Holi, Extension Activity Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya collaboration with NGO “Arranya Paryavaran Sanstha” organized “Safe Holi Campaign” Programme on the occasion of the Holi Festival during 4th March to 6th March 2023. CEO of Arranya Pranay Tijare and his team organized a workshop for the students eco-friendly Holi colors where they taught students how to make natural colors from turmeric, Chandan, green vegetables, and flowers and create many color combinations using their imagination. the best way to have fun is by using natural and eco-friendly Holi colors. After the workshop students, made eco colors in our college and distributed them to nearby society Students




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enthusiastically Participated in “Safe Holi Campaign”. Dr. Pinky Sonarghare, Dr. Sandip Hate, and Dr. Mangesh Thakre worked hard for the Campaign.



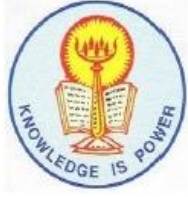
Students making Eco-friendly colors at NGO Arranya



Students made Eco-friendly colors at DRB Sindhu Mahavidyalaya




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Eco-friendly colors made by students



Students Donated Eco-friendly colors to society




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