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The Annual Newsletter of Nirmala College, Ranchi

(Affiliated to Ranchi University, Ranchi) A College with Potential for Excellence Accredited by NAAC with Grade-A

Principal's Message...



"Whatever you do, work heartily, as for the Lord and not for men..."

~ Colossians 3:23

"In a knowledge society, we have to make innovation continuously. Innovation comes through creativity. Creativity comes from beautiful minds."

~ A.P.J. Abdul Kalam

Innovation opens up vistas of new knowledge and new dimensions to our imagination to make everyday life more meaningful, richer



Dr. Sr. Jyoti **Principal**

and creative. I am sure there will always be hundreds of creative minds with innovative thinking to nurture novel ideas and inspire our young minds to acquire knowledge with sincerity and integrity. If you have an aim in life and continuously acquire knowledge and work hard with a righteous heart, you will definitely succeed in all your missions. It does not matter who you are.

Today our Education System is under reconstruction with the implementation of the NEP 2020. Keeping in alignment with the vision and mission of the New Education Policy, Nirmala College is fully prepared and equipped to move ahead and scale new heights of excellence in the coming years. I wholeheartedly acknowledge the commendable efforts and initiatives of the institution- its management, teaching and non-teaching staff- in ensuring continual and sustained learning and providing high quality and equitable education for all the students. The collaborative and consistent endeavours of all its stakeholders have, indeed, contributed immensely to the empowerment of the students and transformed them into valuable assets to society and the nation at large. I thank all the members of Nirmala Community for their sincerity, hard work, commitment and dedication in creating a knowledge society imbued with the spirit of 'Cor Unam Anima Una'-'One Heart One Mind'.

May God Bless Everyone!

IQAC INITIATIVES

Stakeholders' Meeting: A One-Day Stakeholders' meeting was conducted by IQAC, Nirmala College in a blended mode on 2nd September, 2021. 9 Stakeholders from Industry, Academia, Corporate, IT, Private sector, Alumni, Parent and Student representative were present online and Principal cum Chairperson, IQAC, IQAC members and non-teaching staff representatives were present offline for a fruitful interaction. Stakeholders were apprised of the advantages of blended mode of education adopted by the institution for the benefit of the students. The stakeholders were informed about the plan of action of IQAC relating to strengthening of infrastructure, upgradation of library, Skill Development Programmes for students and other measures aimed at enhancing the employability of the students. The program elicited positive response and some valuable suggestions regarding cross knowledge programs and exposure of students through activities, workshops, and educational and industrial trips.

Faculty Enrichment Programmes: A Five-Day Online Faculty Enrichment Programme on "Covid19: Impact & Coping Mechanism" was organized by IQAC from 6th September to 11th September, 2021 in which 44 faculty members participated, which had five fruitful sessions with eminent Resource Persons like Dr. B.S. Ponmudiraj, Adviser NAAC, Bangalore, Dr. Tulu Sarkar, former



University HOD, Political Science cum Director, School of Yoga, Dr. S.K. Mishra, former CMO, Mecon Hospital, Ranchi, Dr. Amrit Pattojoshi, Neuro-Psychiatrist, Bhubaneshwar. The Resource Person for the last session



was Dr.Sr.Jyoti, Principal cum Chairperson, IQAC, Nirmala College, Ranchi who deliberated on the impact of COVID -19 on Education, Preparedness of HEI's for NAAC Accreditation during Pandemic, impact of COVID-19 on physical, mental health, consequent psychological issues and various coping mechanisms for maintaining physical fitness, psychological well-being and practicing Yoga for holistic development in the aftermath of Pandemic. A feedback link was shared in Google Forms to rate the Resource Persons which had high rating for all the Resource Persons.

A Three-Day Faculty Enrichment Programme was organized by IQAC from 4th January to 6th January 2022 in a blended mode which was attended by 44 faculty members. On 4th January, Resource Person Rev. Father Alexius Ekka, XISS. Ranchi presented online an enriching talk on, "Professional Ethics and Management" which received huge applause. On 5th January 2022, esteemed Resource Person, Dr M.H Ansari, former HOD, Dept. of Rural Development, XISS, Ranchi enlightened the faculty members on, Professional Ethics & Academics. The last session had Honourable Dr. Ramesh Sharan, former Vice Chancellor, Vinoba Bhave University as the Resource Person who delivered his enriching talk on Professional Ethics & Governance which was highly appreciated by all.

Students' Skill Development Programme: A Five-Day Students' Skill Development Workshop was organized by



IQAC for the Final Year Semester VI students, Session 2018-2021 from 21st September to 28th September, 2021with a

duration of 450 minutes over 5 days. More than 500 students from Arts, Science, Commerce, Vocational Studies were trained on how to write a Resume, Biodata, Covering letter, appear and face an interview, ways to showcase inherent talents, ways to overcome Digital Illiteracy, make PowerPoint presentations and to develop cybersecurity skills. This was organized keeping in view the implementation of NEP 2020.

LINK TO THE STUDENTS' SKILL

DEVELOPMENT PROGRAMME STREAMED

LIVE ON NIRMALA COLLEGE OFFICIAL

YOUTUBE CHANNEL

https://www.youtube.com/playlist? list=PL2BJjLVp1AyfqccOMSFYWZ2I8cdjJPg-X

NSS ACTIVITIES

As with previous years, the different wings of the NSS at Nirmala College filled each month with many activities. On 24th September 2021, NSS Foundation Day, an online zoom meet was organized with over 100 volunteers. Mr Peeyus Pranjape, NSS Regional Director Bihar and Jharkhand, was the Chief Guest. A seminar on "Hum Kuch Aur Naya Seekhen Initiative" (Hansi) on providing learning support to children during Covid was organized at Morabadi on 27th September where Dr Kamini Kumar VC RU, was Chief Guest and Prof Prasanta Das, Chief Field Officer UNICEF Jharkhand was also present. On 2nd October an Online Slogan Writing Competition on the topic "Patriotism" was organized by PG Dept of Pol Sc, Janta Vidya Mandir Ganpatrai Rasiwasia College Haryana. Anjali Kumari BA 1st year won 2nd Prize. On 9th October Pre-RD Selection Camp was organized at Convocation ground Morabadi. Deepa Kumari and Neha Kumari were selected for state level Pre-RD Selection at Patna.

On 14th October an online competition was organized to select students for the Jharkhand State level Parliament. Of the ten who took part, three were selected. Following this, on 16th October Rakshita and Smriti Rai took part in online zoom competition in which Smriti Raj was chosen to appear for State Level Competition where she again excelled at the state level competition and was selected for Jharkhand Student Parliament. On November she was given portfolio of Minister of Parliament Affairs and Finance and Planning Development Department. Constitution Day Celebration was held in the college campus on 26th November with over 300 volunteers reciting the Preamble to the Constitution. A Rally was taken out on 30th November, the eve of World HIV/AIDS day at Morabadi where 12 volunteers took part, walking from Basic Science Building to Oxygen Park, to spread awareness on Inequality and AIDS during the Pandemic. On the 1st of December, a Poster making



Competition was held, a Skit was presented and the Red Ribbon was pinned on the Principal and staff at the college. On 31st December Deepa Kumari who was selected for RD Parade in Patna started her journey.

She was given monetary assistance from NSS Fund in the college.

On 14th January 2022 on the occasion of Makar

Sankranti an Online Surya Namaskar was conducted

in response to the Directive from Ministry of Youth and Sports. This was to bring home the message that it was important to keep fit and healthy. National Girl Childs' Day was celebrated on 22nd January 2022 in the college and on 24th January at university level with myriad competitions like Poem recitation, Essay competition, Speech Competition and Poster Making. These were also held online due to Covid Restrictions. Sangita Kumari (Essay Writing), Indu Kumari (Speech) and Swati Kumari (Poem Recitation) won prizes at the University.

National Prema Doot Award was bagged by Smriti Raj in National Youth Exchange Program of Face of Future India- 6th Annual Function on 3rd February at Chhapra, Bihar. 26th January 2022 was a day of pride for Nirmala College when Deepa Kumari was part of the contingent at RD Parade at Raj Path. 6 NSS volunteers from Nirmala





Convocation at Ranchi University on 4th February 2022. This inspired them to work hard and aim for a Gold



Medal. After a long time, offline speech competition was held on 17th February in the college for selection at university level for National Youth parliament Festival. Out of ten, four NSS Volunteers were selected. Ambedkar Jayanti Essay Writing/ Poster Making/ Collage Making Competition was held on 21st April 2022. On 29th April, a Webinar for POs and Volunteers was conducted where UNICEF Communication Officer Astha A Lang explained Home Isolation Techniques through PPT. World Earth Day was celebrated on 22nd April and NSS volunteers watered plants and took a pledge to save the earth. 7-Day Van Mahotsav was celebrated from 2nd to 9th July, starting with Inauguration and Oath taking, including Speech Competition, Group Discussion, a PowerPoint Presentation on Conservation of forests, and concluding with Declaration of Results and Prize Distribution. Throughout the year the three units of NSS under Dr. Sr. Sushma, (Pol. Sc Dept), Dr. Ranju Kumari (HoD Philosophy Dept) and Dr Manisha Kumari (Zoology Dept) have been raising awareness and students' participation in various fields.



UGC-STRIDE PROJECT EVENTS

UGC STRIDE Component 1 has been awarded to Nirmala College in collaboration with Amity University Jharkhand for a project "Understanding the Impact of Hinduism and Christianity on the Tribal Language and Culture in Jharkhand: With Special Reference to Mundas and Oraons".

A 6-Day Online Guest Lecture Series, "Tribal Culture,



Language and Practices: An Ecofeminist Perspective" was organised via Zoom from 5th to 10th July 2021. The resource persons for the series were Dr. Yahiya Ibrahim who spoke on 'Ecofeminism: Theory and Types' from Karim City College, Kolhan University, Ms. Neetisha Xalxo, Daulat Ram College, Delhi University. Dr. Amita Kumari from SKMU, Dumka discussed 'The Philosophy of Ecofeminism'. Dr. Eva Margaret Hansdak from Gossner College, Ranchi addressed the Ecofeminism in Tribal Literature. Dr. Rukhaya Mohammad Kunhi from Nehru College, Kasaragod, Kerala spoke about the Differences between Ecocriticism and Ecofeminism and Dr. Bonani Chatterjee, HOD, PG Department of English, Ranchi University, discussed Women, Nature and Gendered Language.

A total of 187 scholars, academicians, faculty members, students (PG, M. Phil) and researchers in the field of tribal studies and English Literature participated and benefitted from this lecture series.

A 7-Day Interdisciplinary Workshop on "Research Capacity Building Amongst the Students of Post-Graduation" was also organised from 5th to 12th May 2022. The event aimed at developing research writing skills among the students. It made them aware of the tools and techniques of modern research and dissertation writing. The resource persons for the workshop



were Dr. Suresh Prasad Singh, Former Vice Chancellor, Vir Kunwar Singh University, Ara, Bihar, Prof. C.P Sharma, Former Head, Department of Political Science, Vinoba Bhave University, Hazaribagh, Dr. Upendra Kumar, Assistant Professor, Department of Hindi, Central University of Jharkhand, Dr. Sujata Singh, Associate Professor, Department of History, Ranchi University, Dr. Saroj Kumar Singh, Head, PG Department of Geography, Vinoba Bhave University, Hazaribagh, Dr. Samira Sinha, Assistant Professor, Department of English, Ranchi University. Assessment and discussions on deliberations was conducted by 5 PG Department Heads of Nirmala college, Dr. Rashmimala Sahu, Dr. Jyoti Pandey, Dr. Anjana Singh, Dr. Debjani Roy, Dr. Renu Sinha and Dr. Shayantani Banerjee, Asst. Prof. & Head, Department of English, AUJ. 172 students participated in this offline event. The principal investigator of the project is Dr. Anjana Singh, Asst. Prof. & Head, PG Department of History, Nirmala

Asst. Prof. & Head, PG Department of History, Nirmala College, and Co-Investigator is Dr. Shayantani Banerjee, Asst. Professor, Department of English, Amity University, Jharkhand.



DBT STAR COLLEGE SCHEME EVENTS



The prestigious DBT Star College Scheme Project (Phase 1) was granted to Department of Botany and Zoology in March 2019 for three years. The Institution feels proud to enter Phase 2 of the Project for another two years. The project has been pivotal in upgrading the lab infrastructure, restructuring pedagogical skill and improving scientific acumen among students.

DBT grant has immensely enriched the library of scientific literature that is instrumental in developing literary capacity of faculty and students. The grant has also enabled the faculty to design new experiments that would be greatly beneficial to students in their educational ventures in the future. Many events were organised under this Scheme for the enrichment of faculty and skill development of students during the year.

Faculty Enrichment Programme

Faculty enrichment programmes were organised to enable the faculty to learn the latest and advanced concepts of science and experimentation. Dr. Kanchan Kumari (Research Associate ICAR-IINRG) shared her ideas on "Somatic and Zygotic tissue culture technique" on 8.06.2022. Dr. Manish Kumar (Associate Professor, BIT Mesra) mentored the faculty members on "Bioinstrumentation, Instrument handling, Calibration



and Biosafety" on 18.6.2022.

Lecture Series

A lecture was arranged by Department of Zoology on the title "Environmental Pollutants" on 22.2.2022. The



resource person for the lecture was Dr. Nirmali Bordoloi, Assistant Professor, Central University, Jharkhand. She gave a detailed account of the different kinds of environmental pollutants that have drastically degraded the environment. Approximately 100 students participated in the event.



Another lecture was organised by the Department of Botany on the topic of "Research paper Writing" on 24.2.2022. Dr. Shubha Rani Sharma, Assistant Professor, BIT Mesra was the Chief Resource Person. She highlighted the importance of scientific literature and the methodology that should be adopted to write a research article. A total of 120 participants were benefitted by the session.

An Interdisciplinary lecture was organised on the topic "Enzyme Catalysis: Industrial application" on 04.3.2022. The Resource person for the event was Dr. N Venkat

Appa Rao, Associate Professor, St. Xavier's College Ranchi. It dealt with basics of enzyme nomenclature, its functions and mechanism of action. Nearly 150 students participated in the event. An Interdisciplinary lecture was arranged on the topic "Construction of phylogenetic trees with the help of bioinformatic tools" on 5.3.2022. The resource person for the event was Dr. Raju Poddar, Associate Prof, BIT Mesra. Phylogenetic trees were based on the CBCS curriculum. So, the lecture cum training was conducted to make students learn the basics of studying phylogeny through charts and maps. Nearly 60 students were present in the session.

An Interdisciplinary lecture on "Major Crops and pests: Identification and prevention" was organised on 10.3.2022. Dr. Abdul Majid Ansari, Junior Scientist cum Associate Professor, Dept. Of Horticulture, BAU Ranchi was the Resource Person for the event. Students found it interesting and informative since they were aware of the disasters it brings to the agricultural output and poses a threat to agricultural economy. 120 students were present for the event.

Hands-on Training Programme



An Interdisciplinary 3-days hands-on training was organised under the title "DNA extraction and Know-how of related Equipment" from 11th-14th March 2022 in collaboration with a private Biotechnology Lab "AKRITI BIOTECH". The Chief Resource Person was Dr. Deepak Kumar. He, together with his team of 3 more members, trained the students for experiments like DNA Extraction from onion/cauliflower, DNA extraction from blood and technical know- how of ELISA and Spectrophotometer.

The second round of Workshop was organised on 27.4.2022 under the guidance of Dr. Manish Kumar (Associate Professor, BIT Mesra) and his team on



"Determination of Enzyme and Protein estimation by Spectrophotometer". The students were provided the basic SOP before every experiment and were allowed to perform the experiments. A lecture was also delivered with the help of PPT on basic scientific software required for empirical calculation. 100 students took part in Handson Training Programme.

Science Exhibition

A Science Exhibition titled *SCIENCE SPARK* was organised on 22.03.2022 for all streams of students. Hon'ble Vice Chancellor Dr. Kamini Kumar graced the occasion as the Chief Guest. Students from various colleges participated in the event. The students displayed wonderful exhibits showcasing their talent and creativity. The topics were divided into Basic Science, Earth Science, Life Science and Information Science. It enabled students to learn and explore science according to their curiosity and interest. Principal, Dr.Sr. Jyoti congratulated the students on their active participation and enthusiasm.



The winners were awarded by the Principal.

Outreach activities

An outreach activity was conducted on 23.03.2022 for students and faculty of an outreach school programme being run by St. Xavier's School, Doranda. Hands-on training was provided to the students on preparation of temporary mounts both of an animal as well as a plant sample. The students were taken for lab visit to the departments of Botany and Zoology. Various museum specimen and devices were shown so as to evoke the sense of joy of learning science. They were also taken to a visit to the Model exhibition under the Science Exhibition where they were given a knowledge of basic advances and development in science. Special thrust was given on models related to "Organic farming of vegetables in Jharkhand". Students were made aware of the advantages of organic products that are more eco-friendly, nutritional, and good for health. They guided the outreach students on it and suggested ways to practice it as a household small



scale occupation that would also suffice commercial needs.

The faculty of the outreach school were trained on the e- repositories and their use. They were made aware of programmes like MOOCS under the Swayam NPTEL (an initiative of the MHRD, Govt. of India) so that they could mentor their students utilising these information tools.



SPOKEN TUTORIAL PROGRAMME

The Spoken Tutorial Programme (STP), a Govt of India initiative under National Mission on Education through ICT promotes IT literacy through Open-Source Software.

293 students of the College from the departments of BCA, BBA, FD, and IT were successfully certified by IIT Bombay for the courses like LibreOffice, HTML, Java and C++ during this year. The Programme was coordinated by Mrs. Sonali Sinha (Head, Department of Computer Application).



Students of Vocational Courses with their STP Completion **Certificates**



SWAYAM-NPTEL MOOCS

Nirmala College, being a local chapter for SWAYAM-NPTEL Massive Open Online Courses (MOOCs) offers opportunity to its students of all streams to enrich their learning experience through credit-based audio-video and multi-media contents on a wide range of multidisciplinary topics. Discipline specific mentorship is also facilitated by the faculty members to guide students through the course contents and for certification in the proctored exam. A total of 65 students were enrolled during the July-Dec 2021 and Jan-June 2022 sessions of 98 NPTEL courses. Radhika Kumari and Rishita Bhattacharjee of B.Sc. Chemistry (Hons) successfully certified by IIT Bombay and IIT Kharagpur for 'Chemistry of Main Group Elements' and 'Industrial Inorganic Chemistry' respectively during the Jan-June 2022 session. Dr. Sreerupa Roy, Head, Dept. of Chemistry was the mentor for these courses of 12 weeks duration. Besides credit-based skill development courses for students, the SWAYAM platform also hosts UGCapproved faculty development courses. 3 faculty members

were enrolled for such discipline specific courses during 2021-22. The local chapter database is managed by the SPOC for College, Dr. Sumit Kaur.

SUCCESSFUL STUDENTS SWAYAM-NPTEL MOOCs 2021—22





RADHIKA KUMARI B.Sc. Chemistry (Hons.) (2020-23)

RISHITA BHATTACHARJEE B.Sc. Chemistry (Hons.) (2021-24)

हिंदी दिवस/ हिंदी पखवाड़ा

हिंदी विभाग, निर्मला कॉलेज, राँची की ओर से त्रिदिवसीय हिंदी दिवस/हिंदी पखवाड़ा का आयोजन दिनांक 14/09/21 - 16/09/2021 को किया गया। उद्घाटन सत्र का आरंभ प्राचार्या डॉ. सिस्टर ज्योति, जी.बी.सेक्रेटरी सुपीरियर सिस्टर सुषमा बेक, उप प्राचार्या सिस्टर शोभा, हिंदी विभागाध्यक्ष डॉ रेण् सिन्हा, अर्थशास्त्र



विभागाध्यक्ष श्रीमित एन.डी.एक्का के कर कमलों से दीप प्रज्जवलन के साथ हुआ।

हिंदी विभागाध्यक्ष डॉ.
रेणु सिन्हा ने सभागार
में उपस्थित सभी
सम्मानीय जनों का
स्वागत अभिनंदन करते
हुए अपने स्वागत
संभाषण में संविधान

द्वारा घोषित भारत राष्ट्र की राजभाषा हिंदी की दशा - दिशा पर संक्षिप्त प्रकाश डालते हुए कहा कि जिस हिंदी के सहारे हमने संपूर्ण भारत को एक धागे में जोड़कर गुलामी की जंजीरों से आजादी दिलाई, आज स्वातंत्रयोत्तर भारत में उसे राजभाषा का उचित दर्जा अबतक नहीं मिल पाया है। हम भारतीय मात्र दिवस-पखवाड़ा मना कर खुश हो जाते हैं, अपने दायित्व का इतिश्री मान बैठते हैं। अँग्रेजी अभी भी हावी है। कार्यक्रम के अध्यक्षीय संबोधन में प्राचार्या डॉ. सिस्टर ज्योति ने राजभाषा हिंदी को उचित सम्मान देने पर प्रेरक वक्तव्य दिया।

त्रिदिवसीय कार्यक्रम के बतौर मुख्य अतिथि समकालीन प्रसिद्ध साहित्यकार श्रीमान पंकज मित्र जी ने हिंदी भाषा के विकास की ऐतिहासिकता पर प्रकाश डालते हुए वर्तमान हिंदी के वैश्विक परिदृश्य पर सहज - रोचक एवं सारगर्भित व्याख्यान प्रस्तुत कर हिंदी के सर्वसमावेषी स्वरूप से श्रोता जनों को ज्ञानवर्धन कराया। त्रिदिवसीय कार्यक्रम इसी संदेश के साथ संपन्न हुआ कि हमसबका राष्ट्र की अस्मिता के प्रति दायित्व निर्वाह करते हुए राजभाषा हिंदी को उचित स्थान प्रदान करना परम कर्तव्य है।

अन्तरराष्ट्रीय मातृभाषा दिवस

दिनांक 21/01/2022 को अन्तरराष्ट्रीय मातृभाषा दिवस के तत्वावधान पर निर्मला कॉलेज सभागार में कार्यक्रम आयोजित किया गया, जिसमें विविध भारतीय मातृभाषाओं की प्राध्यापिकाएँ एवं छात्राएँ उपस्थित होकर कार्यक्रम को उत्कृष्टता प्रदान किया। विभिन्न मातृभाषा – भाषी प्राध्यापिकाओं ने अपनी - अपनी मातृभाषा की विशेषताओं एवं सौन्दर्य से अवगत कराते हुए बहुभाषाई भारत की एकात्मकता में इंद्रधनुषी छटा बिखेर दिया, जिसका सार था - सभी भारतीय मातृभाषाओं को संपोषित करते हुए संपर्क भाषा हिंदी के माध्यम से संपूर्ण भारत राष्ट्र की संस्कृति-संस्कार को संरक्षित कर राष्ट्र को वैश्वक पटल पर उत्कृष्टता प्रदान करें।

संपूर्ण कार्यक्रम प्राचार्या डॉ सिस्टर ज्योति की अध्यक्षता में दीपप्रज्जवलन एवं प्रेरक वक्तव्य के साथ हुआ। प्राचार्या ने अपने उद्बोधन वक्तव्य में मातृभाषा के प्रयोग का आहवान करते हुए कहा कि मातृभाषा प्रत्येक व्यक्ति के व्यक्तित्व को उद्घाटित करती है।

स्वागत संभाषण एवं बीज वक्तव्य में हिंदी विभागाध्यक्ष डॉ. रेणु सिन्हा ने कहा कि अपनी संस्कार- संस्कृति को मातृभाषा के माध्यम से ही संरक्षित किया जा सकता है। मातृभाषा का विकास एवं संरक्षण अपनी अस्मिता के उन्नयन एवं पोषण के लिए परमावश्यक है।

विचारों की अभिव्यक्ति में अर्थशास्त्र विभागाध्यक्ष श्रीमित एन.डी.एक्का सादरी (नागपुरी), राजनीति शास्त्र विभागाध्यक्ष डॉ रिश्ममाला साहू उड़िया, डॉ अंजना सिंह भोजपुरी, भूगोल विभागाध्यक्ष डॉ देबज़ानी रॉय बांग्ला, गणित विभागाध्यक्ष डॉ नागलक्ष्मी पाणि तेलुगु, डॉ सुमित कौर (भौतिकी) पंजाबी, श्रीमिति प्रिया विशाल (गणित) मलयाली पर अपने सुंदर - सुगठित भाषिक- साहित्यिक अभिव्यक्ति से सभागार में उपस्थित सभी श्रोताओं (विशेषकर छात्र समूह) को मंत्रमुग्ध किया। कार्यक्रम के सफल संचालन में छात्राओं की विशेष भूमिका रही।



INTERNATIONAL WOMEN'S DAY

International Women's Day was celebrated on 8th March 2022 in a very novel manner. Dr Sarwat Jabeen (Dept of Psychology) anchored the program. The theme "Gender Equality today leads for a Sustainable Tomorrow" was reenforced by felicitating some of its non-teaching frontline workers who accompanied the Principal Dr Sr Jyoti in lighting of the lamp. Mrs. Nimmi Sanga, Mrs Asha Toppo, Mrs Bibiana Tirkey, Mrs Gonzaga Horo, Mrs Subhashini Beck, Mrs Dibya Josephine Minz, and Mrs Tara Ekka all were felicitated by the Principal with gifts to the accompaniment of enthusiastic applause from the staff. Dr Sr Jyoti in her message appreciated the role of above frontline workers at the college and said that it is only their collaboration and dedication effort that has made the college a safe and healthy environment for the staff and students. The Women's Cell comprising Sr Shobha (Vice Principal) Mrs N.D. Ekka, Mrs Arpana

Ekka, Dr Shobha Tirkey, Dr Jaya Raj Laxmi, Dr Jenifer Guria, Dr. Sarwat Jabeen, Ira Tripathi and Dr. Rajni Kiro organized the program.



INTERNATIONAL YOGA DAY



In keeping with the theme for Yoga Day 2022, "Yoga for Humanity", College organized Yoga Day Celebration in the college premises on the morning of 21st June 2022. Dr R. Sahu, HoD Pol Sc, introduced the theme of the day to the students. The principal, Dr Sr Jyoti, welcomed staff and students and said that yoga is unity of mind and body which brings harmony in our lives. Dr Nagalakshmi Pani, HoD Mathematics introduced the coach and girls of netball and karate classes who demonstrated on the stage, some exercises and mudras to the students and staff like the Sanjivani mudra, to reduce tension and stress. Simple stretching exercises to warm up the body and loosen

stiffness were also taught. All the muscles of the body were worked so that there would be no part of the body was left tense or stiff. The assimilation of yoga and mudras in everyday life was the takeaway from the day's program for everyone.





ENVIRONMENTAL AWARENESS ACTIVITIES

Earth Day

Various departments of the College celebrated Earth Day on 22nd April 2022 in which many students participated with great zeal in different competitions to depict the importance of earth. Students also took the pledge to take care of mother earth.

Deptt. of Physics held Poster making, Paragraph and slogan writing competitions. The winners were 1st Juli & Arya, 2nd Surabhi & Aditi & 3rd Saiba, Edith, Alka, Srishti, Varenya, Anamika, and Amisha. Anjali & Ayasha of Sem IV

& II. Deptt. Of Zoology held Essay writing, Poster & Slogan making competitions. Winners were 1st Riya Awantika, Sunidhi, Ramsha. 2nd Shourya, Satoshi, Nirmita. 3rd Snehanjali, Chanchal, Mary Lily of Sem III & VI. Poster making &

Deptt. Of Hindi. The students of Psychology Deptt. wrote a small paragraph on how they can contribute in their own way to save mother earth, one student wrote a beautiful poem, and the girls also planted saplings to create an awareness & to show their responsibility towards the earth and the environment they live in. BBA department conducted 'Slogan writing' Competition in which the topic was "Save

Mother Earth, Save Life", where Saima of sem
III won the 1st prize.

Department of Mathematics conducted a program on the occasion of Earth Day

for Semester I, III & VI students.
All the students were involved by writing on black board their vision and contribution to save Mother Earth.
BBA Deptt. also organized a special deliberation session on this occasion.



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विश्व पर्यावरण दिवस

दिनांक 05/06/2022 को अंतरराष्ट्रीय पर्यावरण दिवस के अवसर पर निर्मला कॉलेज राँची, परिसर, जो अपने आप में झारखंड प्रदेश के उच्च शिक्षण संस्थानों के मध्य पर्यावरण संरक्षण का मिसाल रहा है - प्राचार्या डाँ सिस्टर ज्योति के मार्गदर्शन में, उनके करकमलों से वृक्षारोपण कार्यक्रम आरंभ कर 'वृक्ष लगाओ, जीवन बचाओ' के संकल्प को साकार करने के दृढ़ लक्ष्य के साथ झारखंड प्रदेश के विशेष वृक्षों यथा - अशोक, अर्जुन, पलाश, अनार, चिकू आदि छायादार, फलदार, ऑक्सीजन उत्सर्जक, खुशब्दार विविध प्रकार के करीबन 60-65 वृक्षों का रोपण कॉलेज परिसर में किया गया।

वृक्षारोपण में प्राचार्या के साथ-साथ जी.बी.सेक्रेटरी सुपीरियर सिस्टर सुषमा बेक, उपप्राचार्या सिस्टर शोभा, अनेक विभागों की विभागाध्यक्ष, प्राध्यापिकाएँ तथा शिक्षकेतर कर्मचारी शामिल हुए। प्राचार्या ने अपने संबोधन संदेश में प्रत्येक देशवासियों को अधिकाधिक वृक्षारोपण कर इस सुंदर वसुधा को संरक्षित, सुरम्य बनाने पर बल दिया।



COVID-19 VACCINATION DRIVES



As a welfare measure, a total of 4 vaccination drives for protection against the COVID 19 virus were organised in

the college during the June 2021 – July 2022 period. The first vaccination drive was organised on 10th January 2022 in the college auditorium with the help of the State Government of Jharkhand which helped 334 students, teachers as well as non-teaching staff. The second drive was organised on 14th February 2022 through which 200 students and staff were vaccinated. The third vaccination drive was on 18th February 2022. During this vaccination drive 100 students, staff as well as family members were vaccinated. The fourth vaccination drive was organised on 30th July 2022 in which Booster dose was administered to 68 students and staff members.



SPORTS ACTIVITIES

Sports activities in Nirmala College resumed in the month of April 2022 after the lifting of the COVID-19 protocols. 15 students have registered for Net Ball for this session and are being trained under the guidance of the coach Mr. Pramod Kumar Thakur from Devki Nandan Foundation. Along with this, a new batch of 15 students has also begun its training for Karate under the guidance of the coach Mr. Sandeep Kumar and Ms. Swati Kumari. All sports activities are managed by the sports co-ordinator, Dr. Nagalakshmi Pani, HOD, Dept. of Mathematics.







CO-CURRICULAR ACTIVITY WEEK



Knowledge not only grooms mind but it also enhances the character of an individual. To give wings to the imagination & creativity, to groom the artistic aspect, aptitude and ability of the students, Principal Dr. Sr. Jyoti organized Activity Week from 13th to 24th September 2021 for UG & PG students. Each Department chalked their plans for conducting activities depending on acumen of students based on their curriculum.

BBA Deptt. organized online activities of Sem II, V&VI through Google meet & WhatsApp.

The activities were essay, article writing, Seminar, Speech, Poster making & Online PowerPoint presentation competitions.

Various activities took place in the **BCA** Deptt. like Introduce yourself in 5mins (video), Extempore, Speech on fingerprint authentication, Yoga, Report writing, Mask making, planting medicinal plants & Digital poster making competition on Covid-19 protocols. The winners were Mantasha, Anjali, Riya, Devanshi & Richa

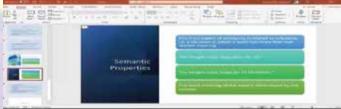
Botany Deptt. conducted different activities, Poster presentation on the theme "Physiology of Plants", Collage on "Medicinal Plants", Seminar on "Pandemics and Traditional Plant based Remedies in the era of Covid-19" and Quiz competition on "Phytonica." The winners of various events were Santoshi Sharma, Monica Topno & Juhi Kumari.

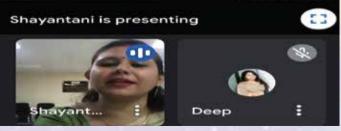
Department of **Chemistry** organised three online events: ChemQuiz 2021 on 'Chemistry of Life', Creative Video Project on 'Unleash your Creativity' & Poster Making Competition on 'Science & Technology for Sustainable Development.' The 1st prize winners were Juhi, Richa & Sakshi of Sem II & V.

Commerce Deptt. conducted various activities like online public speaking, mehndi, spontaneous extempore, singing, PPT, writing, photography, and dance battle competitions. Lucky winners were Surbhi, Priya & Neha, Deepa, Adaya, Megha, Swati, Deepali and Madhuri Singh.



Department of **English** organised several online events: Slogan writing on 'Human rights', Painting on 'Global Peace', Creative writing theme was 'A reminiscence of previous institution', R.N. Tagore Essay Writing on 'Conservation and development cannot go hand in hand', Munshi Premchand Memoir Writing on 'An event/incident during a journey that impacted you'. The students who bagged the prizes were Mansi, Riya, Shiwangi & Ruchika. For Mother Mechtilda lecture Series Dr. Shayantani spoke on 'English syntax & semantics' while Dr. Vinay addressed the students on 'Waiting for Godot'.







FD Deptt. conducted essay writing competition on the topic 'Textile craft of India', Speech competition on 'Fashion as a career in today's world', Illustration drawing on 'Dress designing using different lines with coloured ball pens', Draping and make up on 'Bridal makeup with stylized saree draping' & Kids dress construction competition on the theme 'Baby frock construction using khadi fabric'. The respective students had the opportunity to win a prize; Deepshiksha Jaiswal, Shika Kumari & Rakshanda Noor.



Geography Deptt. organised the activities, Speech on 'Climate change & its impact' in which Anshu & Ishika were the 1st prize winners. Painting competition on the topic, 'The beauty of Jharkhand', Disha & Ruksana won the 1st prize, Sr. Priscilla Memorial Lecture by Dr. J. Bansal and Creative writing competition in which Asha won the 1st prize.

Department of **Hindi** organised slogan, article writing & poster making competition based on poem. The lucky winners were Virajmani of M.A. Sem II, Akansha of B.A.

Sem II & Arti of B.A. Sem VI.

History Department organized Patriotic Song, Debate & Poster Competition on "75 years of Indian Independence". The proud winners were, Pooja Kujur of B.A. Sem V, Poornima Murmu & Shikha Kumari of B.A. Sem II.



Deptt. of IT conducted various competitions with different focal themes that projected the utility of knowledge relevant to information science to bring out the creativity and conceptual understanding of the students. PowerPoint presentation on 'Cyber Issues & Prevention', Poster on 'Strength of Mental Wellness', Collage on 'Hindi Diwas', Painting on 'Rangotsav', Speech on 'Issues of Online Class', & Motivational Video Message titled 'JIJIVISHA'. The winners are Divya, Komal, Sunidhi, Ritika & Akansha.

The Activities of **Mathematics** Deptt. were Report writing, Communication Skills on 'Future Plan in Academics', PPT presentation, Video & Poster making and Project on 'Mathematical Equation Tools' followed by Students webinar. The winners are Ankita, Shilpa, Angela, Tanya, Priya, Vidhi, Riya and Bharti Kumari.

Physics Deptt. held activities as Career Counselling by Dr. Suresh Patel, Essay on Women Scientists, Poster Making on Covid-19 and Education, Poem Competition on "My Dreams", PPT Presentation on 'The Role of Physics in making a Clean and Healthy Environment' and Hobby Sharing Live. The First rankers are Bulbul Fiza, Sanjana, Neha Berma.

Deptt. of Political Science conducted Poster Making on



'Safety Measures', Slogan writing on 'Awareness on COVID-19', Speech on 'Prevention is better than Cure', Quiz on 'Indian Polity' and Debate Competition on 'Online Teaching is better than Traditional Teaching' followed by Seminar/Power point presentation on 'The Essence of Fundamental Rights in India.' The 1st prizes were bagged by Monika, Harshita, Rakshita, Ruchi & Anjali.

Psychology Deptt. scheduled events as essay writing on



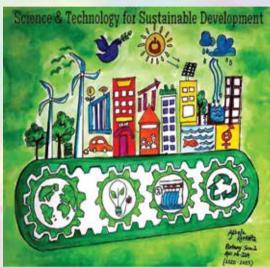
'Psychological Impact of Covid-19', Speech on 'Psychology in Everyday Life', News making & reading, collage on 'Nature & Me', Debate on 'Online Teaching & Learning Leads to Overall Development of the students', Digital Poster making on 'Air Pollution' and PowerPoint presentation covering the chapters of the Psychology syllabus. The students who were awarded 1st prize are Riya, Nisha, Sonal and Roshni Kumari.

The various events that had been organized by the Deptt.

Of **Zoology** in its unique way which made the best effort to bring out the creative, technical and analytical qualities of students. Quiz Contest on the theme 'SPARK', Seminar with PPT was entitled 'KNOWLEDGE QUEST', and the Creativity aptitude of students was explored under the theme 'MOTHER NATURE'S LULLABY' with craft, and poster competitions. The best creators with technical and analytical qualities were Usha, Khushi, Neha, Afreen, Sakshi and Suman.







CULTURAL PROGRAMMES



Independence day

75th Anniversary of Indian Independence or Azadi ka Amrit Mahotsav was celebrated with great gaiety keeping in mind the COVID-19 pandemic norms and government mandates. Dr. Sr. Jyoti addressed the gathering and congratulated all on this occasion. In the words of Prime Minister, "The Azadi ka Amrit Mahotsav means elixir of energy of independence; elixir of inspirations of the warriors of freedom struggle; elixir of new ideas and pledges; elixir of Aatmanirbharta. Therefore, this Mahotsav is a festival of fulfilling the dream of good governance; and the festival of global peace and development." Through live stream on YouTube students participated in the Azadi ka Mahotsav, GB secretary Sr. Sushma Beck, vice Principal Sr. Shobha, teaching and nonteaching staff were present.

Republic Day

The 73rd Republic Day was organised in the college campus at 9 o'clock on 26th January 2022. The faculty teaching and non teaching, along with the management, Principal Dr Sr Jyoti, GB Secretary and Superior Sr Sushma Beck, vice principal Sr Shobha Beck was present. Dr Sr Jyoti in her speech said that this day reminds us of the sacrifices that everyone has made to bring our country to this point, when our nation was declared to be a Republic and the President the First Citizen. This is why our President who is the Commander of the Navy, Army and Airforce hoists the flag today.

Deepika Kumari Department of Political Science added another feather to the many hats that the college wears. She was a part of the contingent of NSS at Rajpath, Delhi. The following students had been declared overall Best Graduates—Anjali Kumari, department of Mathematics in Science, Aastha Bhardwaj, department of Psychology in Social Science, Tanvi Kumari, department of Philosophy in Humanities, Shifa Afreen,

department of BCA in the Vocational Courses and

Jagriti Singh from the department of Commerce in

Commerce. All the students were awarded at the convocation ceremony of Ranchi University. Dr Sr Jyoti invited everyone to take a pledge to be ideal

citizens.

Christmas Gathering and College Day Celebration

On the 21st of December 2021, Christmas Gathering and College Day were both organised at Nirmala College. Holy Mass was celebrated by Dr Fr Joseph Marianus Kujur sj, Director of Xavier Institute of Social Service. The Christmas program followed where Advent candles symbolizing Joy, Peace and Hope were lit, and in the timeless tradition, Dr Sr Jyoti presented the Annual Report for academic session 2021. She spoke of the excellent results by Undergraduate and Post graduate students of the college. The Sr Priscilla Library was also inaugurated during this time. Sr Priscilla Memorial Award was given to Devyani Ghosh, B.Sc. IT dept for academic excellence in 2020, and Anjali Kumari Math Dept for 2021. "Nirmala Communiqué" the college newsletter was released along with two books, by Dr Renu Sinha

(Premchand ki Kahaniyan mein madhyavargiya chetna) and Dr Sarvat Jabeen (The Jobs) respectively. Silver Jubilarians Dr Sr Jyoti, Principal, Dr Sr Sushma, Dept of Pol Sc and Sr Daya, Main Office in-charge were

felicitated for twenty -five years of selfless service the to community and society. The Christmas play performed, and Carols The were sung. message given by







Santa was 'Harmony' with a reminder to stay safe during Corona. The chief guest Dr Fr Joseph Marianus Kujur, said he was filled with happiness, gratitude and challenge. He was happy about the college having reached pinnacles of success. His Christmas message was for everyone to work towards inclusiveness, to become agents of transformation to make the world a better place.

CAREER COUNSELLING PROGRAMMES

The Career Counselling and Placement Cell of Nirmala College organised several career counselling programs. An online career counselling programme on "Jobs in the Aviation Sector" was organised via Zoom on 29th September 2021 for the students of BA, B.Sc., B.Com. and Vocational Courses. Captain Nipun Jain from Jain Aviation International was the Resource Person. 153



students attended the programme. Another career counselling programme cum Workshop was organised on 'Job opportunities in Fashion Industry' on 13th May 2022 for UG Semester 6 students of BA, B.Sc., B.Com. and Vocational Courses. Mr Sanjay Mohta, Managing Director, Mr Vishal Mohta and Mrs Prabha Mohta, Managing Partners, Lakme Academy, Ranchi were the Resource Persons for the program. 351 students participated in the programme.

On 15th July 2022, the Resource Person Mr Anjani Kumar, Ambassador, Republic of Mali addressed the UG semester 2 and 4 students on 'How to Prepare for Civil Services'. 119 students attended the programme. The P.G Department of Political Science, Nirmala College organised a career counselling programme on 'Career Prospects in Journalism and Mass Communication' on 24th August 2022 for BA Semester IV students.

Khushboo Mishra, News Reader from News Nation was



the Resource Person. 61 students participated in the event. On 27th August 2022, an online career counselling programme was held on "Jobs Interview Preparation" for the UG students of Semester IV (session 2020-2023) and Semester VI (session 2019-2022) via Zoom. Captain Nipun Jain from Jain Aviation International was the Resource Person. 130 students participated in the event.

Department of Commerce also organised various career counselling sessions. On 22nd May 2022, a session on 'Career after Graduation' was organised. The resource person for the session was Mr. Kamlesh Chauhan, B

Factory, Alumnus IIM Ahmedabad. 181 students participated in the programme. On 24th June 2022, a session on 'Professional Etiquette and Career' was conducted. The resource person for the session was Dr Jay Prakash Verma, Kejriwal Institute of Management, Ranchi. 264 students attended the programme. On 17th August 2022, a session on 'New Age Careers' was organised. The resource person for the session was Mr. Rakesh Tiwari, Career coach and educationist, UPES, Dehradun. 291 students participated in the event.

On 29th August 2022, Department of BCA organised a career counselling on the topic 'Future Aspects of BCA Students'. Resource Person was Mr Biresh Kumar from Amity University. 49 students attended this session.





A CAREER COUNSELLING SESSION IN PROGRESS

STUDENTS' PLACEMENT

In the academic year 2021-2022 many students of Nirmala College were selected and appointed by esteemed government organisations and companies. 15 students of Vocational Courses- Anjali Murmu, Reena Pramanik, Nilu Kumari, Aditi Prasad, Soni Kumari, Mantasha Alam, Amisha Singh, Nikita Kumari, Minali Sahu, Akansha Priya, Rupa Kumari, Divya Modgil, Supriya Kumari, Bably Kumari and Tejaswita Mani, 9 students of UG/PG-

Shruti Singh, Aditi Singh, Dipti Singh, Sakshi Kumari Pathak, Tusharika Sinha, Shivani Kumari, Diksha Sahu, Jiji George and Mileni Baski were selected/appointed by Government organisations like Patna High Court and RMC, reputed companies such as SBI Life Insurance, Wipro, Capgemini, TCS, Novitech, Concentrix Daksh Service India Private Ltd, NeoSOFT Technologies, schools such as De Nobili and airlines like Indigo.



Aditi Prasad



Akansha Priya



Amisha Singh



Anjali Murmu



Bably Kumari



Divya Modgil



Jiji George



Minali Sahu



Nikita Kumari



Nilu Kumari



Reena Pramanik



Shivani Kumari



Shruti Singh



Soni Kumari



Supriya Kumari



Tejaswita Mani



Tusharika Sinha

MoUs/ COLLABORATIONS/ LINKAGES

NEW MoUs

Academic collaboration with 3 member colleges of Xavier Board

Nirmala College Ranchi is a life member of the Xavier Board of Higher Education in India, the only association of all Catholic Institutions of Higher education in India. Nirmala College has signed MoUs with three other member colleges in order to foster inter-institutional academic collaboration, for conducting exchange of scholars, extension activities, joint research projects and publications, social action and student development programmes. The MoUs have been signed with the prestigious Loreto College, Kolkata, West Bengal, Salesian College, Siliguri and Sonada, West Bengal and Little Flower Degree and PG College, Hyderabad, Telengana for a period of 5 years.

ONGOING MoUs

Surya Technologies



Nirmala college has an ongoing MoU with Surya Technologies, Master Tally Assessment Partner, Jharkhand which conducts a 6-month Certificate Programme in Financial Accounting using Tally and Goods & Services Tax. A job-oriented skill enhancement course for the undergraduate students of all streams.

Savitribai Phule University, Pune and Brunel University, UK

Nirmala College has an international academic collaboration with Savitribai Phule University, Pune and Brunel University, UK with the objective to study, "Gender Equality in Higher Educational Institute in India". The initiative focuses on research-based study on Gender in line with the NEP 2020 that emphasizes on gender and inclusivity. Between 8.10.21 and 16.01.22, the team with the help of Dr. Debjani Roy, consultative resource person, conducted a questionnaire survey with the UG and PG students on campus climate and perception towards gender in the college campus.

This was followed by detailed online interview of the Principal Dr. Sister Jyoti, Dr. Rashmimala Sahu (HOD, Political Science) and Dr. Debjani Roy (HOD, Geography), between 10.1.22 and

12.1.22.

to get an idea of elaborate of the process and workflow in the campus with respect to Gender.

The team from Savitribai Phule University Pune visited the campus between 10.3.22 and 11.3.22 and interviewed 4 alumni, 5 staff and 18 students with the objective to understand the perception of respondents towards Gender equality and gender sensitivity within campus.



COLLABORATIONS & LINKAGES

The college ensures provision of curriculum based on the job training in collaboration with Lifetech Soft Ware for the students of BCA. The college has linkages with CCL, Radisson Blu, Pramada Finserv Ltd, Savera infotech, Motilal Oswal, Concentrix Dakash service India Ltd for a curriculum based on the job training program for the students of BBA. For the students of Fashion Designing department, the college makes provision of internship at R.K. Institute of Fashion Technology as a part of curriculum-based internship. The College also arranges Field trips and sericulture lab visits for the students of Zoology and Botany departments under the academic collaboration with Central Tasar Research & Training Institute (CTR&TI). Many other academic and research activities like lecture series, workshops, hands-on training etc. are organised throughout the year for skill development of students and enrichment of faculty members as a part of the MoUs, collaborations and linkages.

BEST GRADUATE & OVERALL TOPPERS 2021

Gold Medalists at the 35th Convocation 2022
Ranchi University, Ranchi



Anjali Kumari Mathematics

♦ OVERALL BEST GRADUATE (GENERAL)

- OVERALL BEST GRADUATE IN SCIENCE



OVERALL BEST GRADUATE IN COMMERCE



PREM KUMAR PODDAR MEMORIAL GOLD MEDAL TOPPER IN B. COM



Jagriti Singh B.Com.



Astha Bhardwaj Psychology

OVERALL BEST GRADUATE IN ARTS (SOCIAL SCIENCE)





Tanu Kumari Philosophy



OVERALL BEST GRADUATE IN VOCATIONAL/ PROFESSIONAL COURSES

2021

Post Graduation



Janice Tamanna Horo **Economics**



Mahima Kumari Geography



Madhu Banra Hindi



Afrin Nisha History



Laxmi Gope Political Science

Graduation



Nitu Lakra **Economics**



Shiwani Kumari Rajwar Geography



Asha Kumari Hindi



Astha Bhardwaj Psychology



Tanu Kumari Philosophy



Ruchi Kumari Political Science



Swati Kumari History



Tusharika Sinha English



Anisha Jasmine BBA



Jagriti Singh B.Com.



Shifa Afrin BCA



Rutvi Prasad Botany



Swati Kumari



Anjali Kumari Mathematics



Komal Kumari Fashion Designing



Neha Kumari Zoology

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