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Nirmala Communiqué

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...

Today, we are living in a fast-changing world which presents before us challenges as well as opportunities. In this situation, it all depends on every individual how one responds to it with the right mindset and with positive approach. I would like to exhort in the words of Benjamin Disraeli,

“Nurture your mind with great thoughts, for you will never go any higher than you think.”

The COVID-19 pandemic has proved to be a global health calamity of the century and a big challenge for mankind. It has severely disrupted the lives of the people across the globe, hindering overall development and growth of the human community. The scenario has changed from moving out for work and resting at home to a corporate mindset of “work from home.” New and emerging technologies have quickly changed the way people think about where and how they work, transforming communication styles, workflow patterns and policies of workplace. We have begun to explore newer ways and innovative methods in teaching learning process. The paradigm shift from classrooms to our rooms being converted to digital rooms is a necessity for the dissemination of knowledge. The Online teaching and e-learning resources are the alternatives that we are envisaging today. Nirmala College, Ranchi has adopted, promoted, and maintained the online study culture for the continuous quality enhancement of the teaching learning process. Our dedicated and committed teachers have not left any stone unturned in reaching out to their students through digital mode during this period of crisis. The entire Nirmala fraternity is active, dynamic, and creative in bringing innovation for carrying out a task. So far, a number of online activities like webinars, National, International Conferences, Workshops, Faculty Enrichment Programme, Skill Development Programme for students and EBSB club activities apart from teaching have been organized successfully which witnessed wholehearted and enthusiastic student participation even during the Covid-19 pandemic and subsequent lockdowns. With the transition to the online teaching learning process and infusing a virtual study culture, the management, faculty members, non-teaching staff and the students of Nirmala College are moving ahead with technological innovations and advancements keeping in alignment with the motto of the institution ‘One Heart One Mind.’

It is worth noting that the past days have witnessed death, distress, fear, anxiety, and uncertainty. The entire human community is stressed and compromised. But we also have realized that it has brought out the best in us. We have learnt the art of caring and sharing and to live with minimum resources. The Pandemic COVID-19 has led to a severe human health crisis that calls for solidarity. We need to counteract the problem at global scale and henceforth we need to devise better ways and techniques to create a road map for fighting the Pandemic, keeping in mind that every cloud has a silver lining. Someone has rightly said:

"There is no storm that God won't carry you through.

No bridge that God won't help you cross.

And no battle that God won't help you win.

No heartache that God won't help you let go of.

He is so much bigger than anything you will face today.

Leave everything in His hands and embrace this day confidently knowing that He will take care of you."



Dr. Sr. Jyoti
Principal

May God bless us all!

IQAC Initiatives

Essay Writing Competition Jointly Organised by IQAC Nirmala College and MECON Ltd.: An essay writing competition was jointly organized by IQAC Nirmala College and MECON Ltd. on 15th July, 2019 on the occasion of World Population Day 2019. 65 students participated in the competition. The topic of the essay was 'Population Explosion: A Global Threat'. The prize distribution ceremony took place on 19th July, 2019 in Nirmala College conference hall, in the presence of Dr. Sr. Jyoti, honourable Principal and Chairperson IQAC Nirmala College, Dr. Emma Seraphim, Coordinator, IQAC Nirmala College and the other members of IQAC, Dr. Debjani Roy, Head of the Department of Geography and Dr. Indu Kumari from the Department of Botany. Mr. R. Niwas Suthar, Jr. Officer (Corporate Communication and PR) and Kumari Ankita, Jr. Executive (Corporate Communication) were the esteemed guests representing MECON. The essays were judged by Dr. Rashmimala Sahu, Head, Department of Political Science and Dr. Afrinul Haque Khan, Head of Department, English. Garima (B.A II) secured the First prize, the second prize was bagged by Puja Lakra (B.A I) and the third prize was secured by Punam Saroj Kandir (B.A II). Prabha Kanchan (BCA I) and Amrita Mahato (B.A I) were given the encouragement prizes. The entire event was coordinated by Dr. Afrinul Haque Khan under the dynamic leadership and able guidance of honourable Principal Dr. Sr. Jyoti.

Quiz Competition Jointly Organised by IQAC Nirmala College and MECON Ltd.: As a part of observance of Vigilance Awareness Week 2019 by the Central Vigilance Commission and to spread awareness regarding Anti-corruption campaign among the youth, a Quiz Competition was organised by IQAC Nirmala College in collaboration with Mecon limited, a government of India enterprise, on 18th November, 2019, with the theme - "Integrity - A Way of Life". On this occasion an integrity pledge was also administered to the students of the college. The event witnessed overwhelming response from the students. 109 students participated in the Quiz Competition wholeheartedly and enthusiastically. Shri Manoj Kumar, Joint General Manager (Vigilance), MECON gave the background and relevance of organising such programs and emphasized the importance of eradicating corruption in order to bring transparency and integrity in all spheres of activities. The first prize of the competition was won by Shrishti Khatri (B.Sc. Sem I), second by Richa Kumari (B.A Sem IV) and third by Beauty Kumari (B.A. Sem IV). The entire event was coordinated by Dr. Afrinul Haque Khan under the dynamic leadership and able guidance of honourable Principal Dr. Sister Jyoti.

Orientation Programme for Non-Teaching Staff: An Orientation Programme was organized on 4th January,

2020 by IQAC Nirmala College for the non-teaching staff. The members of non-teaching staff were given information on topics like New Methodology and Use of ICT, Communication Skills, Documentation, Presentation Skills and Infrastructure Development and Upgradation by the members of IQAC. Both the Faculty Enrichment Programs and the Non-Teaching Staff Orientation Programs were organized under the aegis of Dr. Sr. Jyoti, Principal, Nirmala College.

Short Term Course in Basic Computer Skills: Fifty - Three students successfully completed the seventh batch of the 90 days' short-term course, DCA (Diploma in Computer Application) organized by the IQAC of Nirmala College in association with NSL Comp, Jharkhand. The students were given certificates on 16th March, 2020. Dr. Debjani Roy and Dr. Indu Kumari of IQAC, Nirmala College coordinated the entire course.



Faculty Enrichment Programme: IQAC of Nirmala College organized a one day Faculty Enrichment Programme on "Health and its impact on Professional lives : With special reference to Women" on 24th June, 2019. Dr. Sunita Jha, a renowned Gynecologist and Obstetrician, was the Chief Resource person for the day. She laid stress on the disadvantages of busy lifestyle and fast routine of women. She stated that women need to maintain a healthy life and work balance without compromising on health. There has been a sharp rise in problems like menopause, osteoarthritis, PCOD, infertility among women of all ages besides diabetes and hypertension which should be dealt with seriously. A proper diet, a healthy routine and sound sleep are the three mantras to realize health benefits. Yoga and meditation should be practiced at least five days a week. She emphasized that one should always go for complete medical checkup on one's birthday which



would serve as the best birthday gift to oneself.

The IQAC of the College organized a Faculty Enrichment Programme on 4th January, 2020 on the topic of “*Women and Workplace: Coping Strategies*” with Prof. (Retd.) B.P Sinha, Dean, School of languages and Head, Center of English Studies, Central University of Jharkhand, Ranchi as the Resource Person. He cited multiple examples of women characters, from mythology to contemporary era, stressing on the difficulties and exploitation they had to face while executing their duties and responsibilities. He explained the strategies that should be implemented by women in maintaining and promoting their professional activities, that would minimize their stress levels.



MHRD-RUSA Updates

Nirmala College was selected for an Infrastructure grant of Rs. 2.00 Crores under Component – 7 of MHRD’s Rashtriya Uchhatar Shiksha Abhiyan (RUSA) in 2015. 90% of the sanctioned grant has been received in four instalments so far. The fund has been utilized for procuring new equipment for academic growth – INFLIBNET-NLIST e-resources, books, classroom and auditorium furniture, Campus LAN-Wi-Fi connectivity, ICT Accessories, display board, reprography machine, generator, computers and networking for language laboratory, sports facilities, green writing boards, auditorium sound systems; creating new infrastructural facilities – Classrooms and Seminar Hall; and for renovation and upgradation of existing facilities – Principal’s Office, refurbishment of College Auditorium and girls’ lavatories.

Physical Inspection of work under RUSA was carried out by the RUSA Committee comprising Dr. Shambhu Dayal Singh (Deputy Director-cum-SNO, RUSA), Prof. LGSN Shahdeo (CCDC, Ranchi University, Ranchi), Dr. Sr. Jyoti (Principal), and Dr. Debjani Roy (RUSA Nodal Officer, Nirmala College, Ranchi) during a meeting held at the Office of CCDC on 18th September 2019. A detailed Physical Inspection Report along with photographs of new construction work, renovation and upgradation work and

equipment procured for the Institution along with the Utilization Certificate for grant received from RUSA under Component – 7 was then submitted to the Director, Higher Education-cum-State Project Directorate, Govt. of Jharkhand. MHRD, Govt. of India constantly monitored the physical progress of the projects this year, through the RUSA-Jharkhand audit, Geo-tagged photographs and data uploaded on BHUVAN-RUSA mobile application, Institution’s Fund Tracker and Public Financial Management System (PFMS).

Institution’s Fund Tracker was updated on 9th November 2019. Utilization Certificate procured from JSBCCCL for new construction, renovation and upgradation works was submitted to RUSA Cell on 16th December 2019. Procurement details in prescribed format were mailed on 23rd March 2020. A report on total interest accrued in the RUSA Savings Account from 12.02.2016 – 30.04.2020 was sent on 7th May 2020. Progress Report of RUSA Project (as on May 2020) w.r.t. the Detailed Project Report (DPR), status of Physical work, status of fund balance, monitoring of Physical work, Quality Assurance Test, status of handover of new construction by JSBCCCL was also submitted to RUSA Cell on 15th June 2020. The institution now awaits the final instalment of the RUSA Infrastructure grant to continue its developmental works.



Activities under UGC-CPE Scheme



ज्ञान-विज्ञान विमुक्तये

Under the College with Potential for Excellence (CPE) Scheme, UGC identifies colleges which have attained high standards in teaching, research and extension activities and hold promise of academic

excellence. Nirmala College was awarded CPE status in 2016. The first instalment of funds has been utilised for strengthening the infrastructure for attaining higher academic standards with core focus on nurturing young talents through employability oriented skill development programmes, besides conducting capacity building workshops and seminars for the career advancement of faculty members.

With the successive instalment of funds received during 2019-20, new equipment was installed for the upgradation of Physics, Chemistry, Geography & Psychology laboratories. Computers were procured for the e-library section for students and faculty members to access and read journals, e-books, INFLIBNET N-LIST and other resources from the automated library catalogue. College library was further expanded with new books to augment Post Graduate courses of study in Economics, Geography, Hindi, History and Political Science. Other works carried out under the CPE Scheme this year included upgradation of multipurpose College auditorium, procurement of Indoor games like Chess, Carrom, Ludo, Badminton and facilitating skill development in sports through Netball Coaching. Two faculty members – Dr. Anubhuti Singh (Asstt. Prof., Botany) and Dr. Apeksha Prajapati (Asstt. Prof., Mathematics) were sponsored to attend the *Faculty Orientation in Research and Teaching Excellence (FORTE-19)* programme organized from 23rd to 25th September, 2019 at Salesian College, Sonada, under Enrichment of Teachers through CPE scheme. The audited financial statements and Utilization Certificate was submitted to UGC on 18th February 2020.

English Language Lab Inauguration



A Words Worth English Language Lab was inaugurated on 28th January 2020 by the Principal, Dr. Sr. Jyoti, followed by a two day workshop on 'Train the Trainers' organized on 28th and 29th January. 7 faculty members – Dr. Afrine Khan (HOD, English), Dr. Sreerupa Roy (HOD, Chemistry), Mrs. Prachi Poli Tigga (Asstt. Prof., English), Mrs. Sonali Sinha (Faculty, BCA), Mrs. Archana Pradhan (Faculty, IT), Ms. Ranjana Gupta (Faculty, English) and Ms. Vijaya Jyoti Ekka (Faculty, English) along with 2 technicians – Sr. Manjula and Mr. Santosh, received training in the workshop. The Trainer & Consultant, Words Worth ELT, Mr. Kartik Madi, trained the participants in the key aspects of the Language Lab software package that involves continuous evaluation, content, teaching expertise and methodology. The methodology is a blend of Instructor Led Training (ILT) with a Computer Based Training (CBT), practice and evaluation. The sessions are designed so that the course follows a parallel-structure in which concepts are introduced in the ILT session and reinforced with practice and an innovative approach to learning in the CBT session. Words Worth English Language Lab is designed for India and is a highly researched initiative of the ACTUniv Group, an ISO 9001: 2008 company certified enterprise. The lab has been set up under MHRD – RUSA Component - 7 and UGC - CPE scheme for the benefit of the students to develop their English language proficiency and it will be utilized to run short term courses in language and soft skills.



Golden Jubilee Celebrations

The Annals of History reveal that Nirmala College has traversed a long, glorious and golden path. Archbishop Rev. Fr. Piyush Kerketta's invitation was extended to the Sisters of Charity of Jesus and Mary to realize his dream of a centre of Higher Education for the tribal girls of the Archdiocese of Ranchi in 1969 and Nirmala College was established. Under the aegis of Rev Sr. Mechtilda, the college started to soar to eminence. The initial tiny spark, now a beacon for education materialized into the college known as Nirmala College

The celebration of the Golden Jubilee Year of Nirmala College to commemorate 50 glorious years began with a Novena commencing 9th August, 2019 and concluding on 17th August, 2019. The college is



dedicated to Mother Mary and the Novena was observed seeking her blessing, guidance, and protection. A new Golden Jubilee gate was inaugurated by Fr. Christopher Lakra. The annual Newsletter 2018-2019 was released. The Prayer Service and inauguration was attended by G.B Secretary and Superior, Sr. Lidwin Mary, former Principal, Sr. Bernadine, Principal, Dr. Sr. Jyoti, Vice Principal, Sr. Shobha, Parish Priest of Doranda Parish Fr. Christopher Lakra, Heads of various departments, teaching and non-teaching staff and students.

Joseph, SCJM, Provincial Superior was the Guest of Honour. The celebrations began with a Ceremonial Mass thanking God Almighty for his blessings. Principal Dr. Sr. Jyoti welcomed the eminent guests and spoke briefly about the achievements of the college in recent years. The Chief Guest Archbishop Rev. Dr. Felix Toppo, SJ was the main celebrant along with other celebrants, Fr. Marianus Kujur, Provincial of Jesuits and Fr. Christopher Lakra, Parish Priest, Doranda, and Fr. Nicholas Tete (former Principal, St. Xavier's College).

After Holy Mass, a Cultural Programme followed conducted by Vijaya Ekka, Department of English. Dr Debjani Roy, HOD of Geography, lauded the accomplishments of the college in the past years. The eminent guests were felicitated with mementos and plants. On this occasion, a book by Dr. Ranju Kumari, HOD of Philosophy, "*Pashchatya Naitik Sandehvaad ka Samiksha tak Sarvekshan*" was released at the hands of the Chief Guest, Rev Archbishop Dr. Felix Toppo SJ.

The Cultural Program "Udaan" compered by Dr. Suchinta Kumari (Department of Hindi), displayed the 50 years of the college from inception to the present. Vijaya Ekka (Department of English), and Monika Lakra, a student anchored the Cultural Program that followed. The theme "One Heart One Mind" was the binding thread for folk dances from Kashmir to Maharashtra. Chief Guest Archbishop Rev. Dr. Felix Toppo, SJ in his address at the end congratulated the sisters of the family of SCJM for a successful completion of 50 Glorious Years. The two-day Celebrations culminated in a special program on the 8th of December, in the presence of Her Excellency, Hon'ble Governor-cum-Chancellor, Chief Guest Smt. Draupadi Murmu, Guest of Honour, Honourable Vice Chancellor Prof (Dr.) Ramesh Kumar Pandey and



The two-day Golden Jubilee celebrations began on the 7th of December, 2019, with a Special Holy Mass followed by a Cultural Program. Rev. Archbishop Dr. Felix Toppo SJ was the Chief Guest. Reverend Sr. Mary



Special Guest Bishop Rev. Theodore Mascarenhas as well as a multitude of esteemed guests. The program began with the National Anthem. The guests were felicitated with a memento, shawl and a plant. After her welcome address, Principal Dr. Sr. Jyoti read the Annual Report highlighting details and the achievements of the college (2018-2019). Nirmala College was selected as one of the 30 colleges in Jharkhand for Infrastructure Grant under Component 7 of MHRD-RUSA in 2015, awarded the status of "A College with Potential for Excellence" by UGC in 2016, Accreditation by NAAC with 'Grade A' in 2017 and DBT Star College Scheme in 2019. Apart from many subjects in U.G, there is P.G. in Economics, Geography, History, Hindi, and Political Science. It is the only college under Ranchi University that runs UGC approved Add-on Course in Computer Application. The overall results in the college are extremely gratifying, with I.A. getting 95.97%, I.Sc. with 90%, I.Com with 98.41%, BA with 90.68%, B.Sc. with 97.75%, B.Com with 98.98% and MA with 99.43%. The college has also produced many University Toppers and Gold Medalists in 2018 as well as 2019. There is a dedicated team of faculty members, many of whom are PhD holders, and some are supervising research scholars. 7 teachers are members of BoS, 3 have been sanctioned minor research projects by UGC, 1 registered in D.Sc. The Principal has represented as a Member and Member Coordinator in numerous NAAC Peer Team visits to different UGC affiliated colleges of the country. Dr.



Debjani Roy and Dr. Jyoti Prasad published books under ISBN. The College has also entered 4 MoUs with TISS, National Horticulture Mission, CEED and Surya Technologies.

The college topper Shalini Sudha (B.Sc., Maths) was awarded the Sister Priscilla Memorial Award. Special Guest, Bishop Rev. Theodore Mascarenhas thanked the Sisters of Charity of Jesus and Mary for their untiring efforts in establishing and running an institution that caters exclusively to women learners. Chief Guest Honourable Governor cum Chancellor Smt. Draupadi Murmu, extended her heartfelt greetings to Nirmala College on completing 50 glorious years, and released the Golden Jubilee Souvenir "Ascent Towards a New Horizon", along with Dr. Rashmimala Sahu's book "*Rethinking the Political Philosophy of Sri Aurobindo Ghosh*".

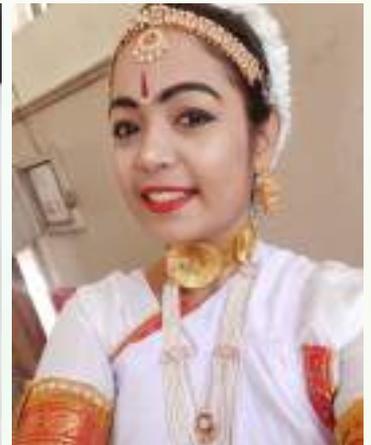
The cultural program began with a dance "*Jyoti kalash chhalke*", followed by "*Odyssey of 50 years*" in tableaux form. The pages of history of the college came alive right from its inception and growth into one of the foremost institutes of higher education in Jharkhand. The vision and mission of the college was staged through a shadow dance. The college is known for its support to women learners especially first generation learners. This montage also reminded people of the need for empowering women which the institution tirelessly strives for. In a scintillating shadow and montage, the achievements of the college, students and the accolades that they have earned in these decades was highlighted. The vote of thanks was proposed by GB secretary and Superior, Sr. Lidwin Mary. The program was anchored by Dr Emma Seraphim (HOD, Department of Zoology).



Youth Festival

A Youth Festival provides a forum for the display of student talent and creative skills. It emphasizes the seamless interconnection between higher education and culture. Nirmala College organized a one-day Inter-Class Youth Festival on 5th November 2019, including, among others, debate, elocution, poster making, on the spot painting, collage, rangoli, mime, mimicry, skit, on the spot photography, tribal and folk dance, classical dance, and singing competitions. Students participated enthusiastically, exhibiting creativity in their performance.

The winners of the competition represented Nirmala College at the two-day Inter-College Youth Festival "AKHRA" hosted by Gossner College, Ranchi University, Ranchi on 7th & 8th November 2019. In the presence of Pro VC Dr. Kamini Kumar and other dignitaries, Vice Chancellor of Ranchi University, Dr. Ramesh Pandey inaugurated the festival with a congratulatory note to the organizing committee as well as the participants. A total of 36 students from Nirmala College participated in classical dance, tribal dance, folk orchestra, elocution, debate, mime, group song (Indian),



poster making, on-the-spot painting and photography. The winners made the college proud. Ishita Roy stood 1st in classical dance, Gauri Acharjee 1st in poster making, Deep Jyoti stood 2nd in elocution, Rakshanda Noor also stood 2nd in on-the-spot painting, Ebla Tirkey and group came 3rd in tribal dance and Anita Choranth and group also bagged 3rd prize in folk orchestra. The energetic and accomplished team manager, Dr. Renu Sinha, (HOD, Hindi) and Dr. Sarwat Jabeen, (Asst. Prof., Department of Psychology) nurtured the talents and encouraged the team of youthful participants.

Celebrating 70th Anniversary Year of the Indian Constitution

Seminar on the Indian Constitution: Commemorating the 70th Anniversary of the Indian Constitution, a Seminar was organized by the Departments of Economics and Political Science on the 21st of December 2019 in the college auditorium. Welcome address was given by Prof. N.D. Ekka (Head, Department of Economics). Hon'ble Principal Dr. Sr. Jyoti delivered the opening address wherein she informed everyone that the 70th anniversary of the Indian Constitution will be celebrated by the institution under the directives of MHRD, Govt. of



India and Ranchi University from 26th November 2019 to 14th April 2020 with the aim of creating awareness among the students and orienting them towards the values and principles expressed in the Indian Constitution and also to encourage them to play their rightful role in strengthening the Indian Democracy. She highlighted the significance of the Preamble and read it out for the students to repeat the same after her. Students of post graduate departments participated and presented their views on different aspects of the Indian Constitution. The program was coordinated by Neha Singh of PG Sem III Pol. Sc. A brief account on the **Importance of Constitution** was presented by Ms. Sunita Kachhap (PG Sem III, Department of Hindi). Ms. Sana Shabnam (PG Sem III, Department of Economics) described the six **Fundamental Rights**. Ms. Monika Bihan (PG Sem III,

Department of Geography) spoke on *Fundamental Duties*. Ms. Anjali Kumari (PG Sem III, Department of Political Science) presented the *Features of the Indian Constitution*. Ms. Priya Kumari (PG Sem III, Department of History) spoke on the *Preamble* elaborating the significance of its various terms.

The seminar was attended by faculty members and more than 300 students. The participants were judged by Prof. N. D. Ekka and Dr. Rashmimala Sahu (Head, Department of Political Science). Ms. Sana Shabnam secured the first place, Ms. Sunita Kachhap got the second place and Ms. Anjali Kumari received the third position.

In her concluding remarks, Dr. Rashmimala Sahu mentioned that the Indian Constitution, the longest written constitution in the world, came into effect on 26th January 1950 after a long period of discussions and deliberations under the Chairmanship of Dr. B.R. Ambedkar. It was originally a handwritten manuscript written by Prem Bihari Narayan Rajada and that is still preserved in the library of Indian Parliament in a glass case. She requested everyone present in the seminar to take a pledge to acknowledge, uphold, honour and sensitize the people regarding the ideals and precepts enshrined in the Constitution and perform our fundamental duties given to us as citizens of the greatest functioning democracy of the world. The seminar was successful in nurturing the essence of the Indian constitution and reminding the audience of its significance. The interest and enthusiasm of the participants and audience highlighted the respect and regard commanded by the nation's most revered document.

Essay and Quiz Competition: An Essay and Quiz



competition was organized jointly on 9th January, 2020 by the Departments of History, Psychology and English. A total of 12 teams comprising 2 members each, participated in the Quiz Competition from various departments of the college. Four teams moved on to the final round from the departments of History, English, Psychology and Geography. Department of Psychology, Department of History and Department of Geography bagged the first, second and third prizes, respectively. The event was conducted by Dr. Ayesha Ahmad (Assistant Professor, Department of History) and was compered by Dr. Janet Andrew Shah (Assistant Professor, Department of English). A total of 35 participants took part in the Essay Competition on the topic '*Challenges to the Indian Constitution since 1970s*'. The competition was judged by Dr. Sarwat Jabeen, Dr. Ira Tripathi and Dr. Vinita Sinha, from the Department of Psychology. Arpita Sony Bage (Sem I, Botany Hons.), Rohini Kumari (Sem II, Psychology Hons.) and Garima (Sem V, English Hons.) won the first, second and third prizes, respectively.

Painting Competition: A Painting competition was organized jointly by the Departments of Geography, Zoology & Botany to commemorate the 70th Anniversary Year of the adoption of Indian Constitution on 25th February, 2020. The theme of the competition was '*Ek Bharat Shrestha Bharat*'. A total of 15 students from various departments of the College participated in the competition. The event was judged by Dr. Parveen Zahra (Assistant Professor, Department of Geography), Dr. Neetu Rani (Assistant Professor, Department of Botany) and Dr. Manisha Kumari (Assistant Professor, Department of Zoology). Participants expressed their outstanding artistic skills during the event. Gauri Acharjee (English Hons., Sem II), Manisha Kudada (Botany Hons., Sem V) and Madhuri Sharma (Botany Hons., Sem V) won the first, second and third positions, respectively.



Ek Bharat Shreshtha Bharat Activities

Commemorating the birth anniversary of Sardar Vallabhbhai Patel, during the Rashtriya Ekta Divas held on 31st October, 2015, the Ek Bharat Shreshtha Bharat (EBSB) Campaign was launched to celebrate the Unity in Diversity of the Nation, to promote the spirit of national integration, to showcase the rich heritage and culture, customs, and traditions of either State, to establish long-term engagements and, to create an environment which promotes learning between States by sharing best practices and experiences.

The EBSB Club of Nirmala College has been enthusiastically propagating the spirit of Ek Bharat Shreshtha Bharat through its interaction with the paired institution – Carmel College for Women, Nuvem, Goa and by conducting various activities round the year under the directives of Ministry of Human Resource Development, EBSB Cell and RUSA Cell, Jharkhand. The first meeting of the club was held on 25th January 2020. Principal, Dr. Sr. Jyoti welcomed the club whose membership comprises 32 student representatives and 36 teachers from all departments. She also announced that the activities to be organized under this campaign will include EBSB club meetings, EBSB day and pledge, cultural programme, language training, quiz, debate, essay writing competition, designing Goa-themed Display Board and an EBSB utsav. Dr. Debjani Roy (HOD, Geography) was appointed as the EBSB Coordinator and Dr. Sreerupa Roy (HOD, Chemistry) as the EBSB Club Coordinator of the College. On every EBSB Day, a pledge is taken for a National Cause in Konkani language, and translated by the EBSB students' club coordinator, Ms. Mansi Dixit.

On 18th February, two short films in Konkani language were screened, titled *Turang* (Cage) and *Kachreacho Khel* (The Game of Garbage), which helped



the students to learn many Konkani words and relate them with similar words in Hindi and Nagpuri.

On 29th February, the second EBSB Club meet was held, and Swachhta Pledge in Konkani was recited on this occasion. During the months of February & March, the EBSB Club students of Departments of Geography, History and

Political Science designed posters for Goa-themed Display Board covering different aspects of Goa – like land & people, liberation, constitutional development & its governance, to spread knowledge through pictorial representations.

On 5th March, the club organized a *Quiz on Goa*, which enabled the students to learn about the history, culture, and current affairs of the State. There were 7 teams of 4 participants each, named Violet, Indigo, Blue, Green, Yellow, Orange and Red. The quiz was conducted by Dr. Hansa Das, Dr. Pinky Pandey and Mrs. Sonali Sinha in 4 rounds, with the first two rounds of general questions on history, culture, and current affairs of Goa while the third and fourth being audio-visual and rapid-fire rounds. Team RED [Swati Kumari (IT), Asha Kumari (Hindi), Shreya Suman (Maths), Jyothsana Besra (Botany)] won the first prize, Team YELLOW [Komal Kumari (FD), Pratibha Kumari (History), Alisha Khatoon (Political Science), Aruna Beck (Economics)] followed with the second prize and team BLUE [Mansi Dixit (BCA), Astha Bharadwaj (Psychology), Kriti Kumari (IT), Rupa Chaurasia (Maths)] secured the third position.

During the months of April & May, the SCJM Sisters under the patronage of Dr. Sr. Jyoti, joined the whole country in crisis to promote the spirit of National Integration through Community Service by distributing food grains among the poor slum dwellers, who were gravely affected by the COVID-19 pandemic.



Motivational videos were released on College's YouTube Channel by Principal, Sr. Shobha (Vice Principal), Sr. Lidwin Mary (GB Secretary), and HODs of various departments under the theme '*We Shall Overcome*' and guidance and counselling were also provided to the students to stay mentally fit and healthy during the lockdown period.



Toppo (Sem VI, English; Poetry (Eng.): *Pearl of the Orient Beauty*) won the second and third prizes respectively. The event was judged by Dr. Afrine Khan, Mrs. Prachi Poli Tigga, Sr. Shobha and Dr. Kanak Lata Riddhi.

On 23rd June, the EBSB Clubs of the paired institutions jointly initiated the '*Make Email Friends*' activity with the students of the two Colleges interacting



The EBSB Club conducted two online events, one of which was a **Painting Competition** on the theme "*Scenic Beauty of Goa*" & "*Goan Life & Culture*" held on on 18th May. 157 students from 15 departments of the College participated in the event. Rakshanda Noor (Sem I, Fashion Designing) won the first prize followed by Sweta Kumari (Sem III, Mathematics) and Rutvi Prasad (Sem III, Botany) securing second and third positions, respectively. The event was judged by Dr. Anjali Smita, Dr. Perveen Zahra, Dr. Anubhuti Singh and Mrs. V.S. Uma Rani. The other event was a **Creative Writing Competition** (short stories and poems) on the theme "*Beauty/Flavour of Goa*" organized on 27th May. 136 students from 14 departments of the College participated in the event. Purna Singh Rani (Sem I,



Geography; Poetry (Hindi): गोवा की सुंदरता) secured the first position, while Astha Bhardwaj (Sem III, Psychology; Poetry (Eng.): *The Memory Brings a Smile*) and Anshu

with each other regularly like pen friends through email exchange, to build a deeper understanding and appreciation of each other's state's culture and heritage and also to increase familiarity and friendship between the students of paired states - Jharkhand and Goa. The third EBSB Club meet was held online on 27th June during which activities for the next few months were planned and the event concluded with the World Environment Day pledge. On 29th June, the EBSB Club participated in an informative Webinar on '*Beat the lockdown blues*' organized by Carmel College, Goa to address the psychological well-being of students.

Expressing her happiness with the on-going activities, Principal, Dr. Sr. Jyoti encouraged each member of the EBSB Club to hold on to the values being spread through this commendable initiative of MHRD, and to imbibe and practise the philosophy of *Vasudhaiv kutumbakam*.



हिन्दी दिवस सह हिन्दी पखवाड़ा

निर्मला कॉलेज, राँची में दिनांक १८-१९ सितम्बर २०१९ को दो दिवसीय हिन्दी दिवस सह हिन्दी पखवाड़ा का आयोजन किया गया। इसके अंतर्गत विविध प्रतियोगिताओं (निबंध, स्लोगन लेखन, कविता पाठ, स्किट प्रस्तुति आदि) में विद्यार्थियों ने बढ़चढ़ कर हिस्सा लिया। विजयी प्रतिभागियों को पुरस्कृत कर उत्साह वर्धन किया गया। कार्यक्रम की मुख्य अतिथि डॉ॰ माया प्रसाद (झारखंड की प्रसिद्ध साहित्यकार, समाज सेविका, एवं हिन्दी विभाग, राँची विश्वविद्यालय की अवकाश प्राप्त प्रोफेसर) रहीं। स्वागत संभाषण हिन्दी विभागाध्यक्ष डॉ॰ रेणु सिन्हा ने हिन्दी भाषा के प्रति



हिन्दी भाषी जनमानस की उपेक्षात्मक भावों पर प्रकाश डालते हुए दिया। कार्यक्रम का आरंभ दीप प्रज्वलन के साथ हुआ।

मुख्य अतिथि डॉ॰ माया प्रसाद ने अपने अभिभाषण में कहा कि वर्तमान दौर में हिन्दी वैश्विक भाषा का स्थान सुनिश्चित कर चुकी है, फिर हम क्यों हिन्दी बोलने, पढ़ने - लिखने में हीनता बोध से ग्रस्त रहते हैं? विश्व पटल पर हिन्दी भाषा एवं साहित्य बहुत ही गरिमा पूर्ण एवं सम्मानित है, भारतीयता की पहचान है। इस कार्यक्रम की खासियत यह रही कि कला, विज्ञान एवं वाणिज्य के विविध विभागों की विभागाध्यक्षा (डॉ॰ नीलू एक्का, डॉ॰ ज्योति प्रसाद, डॉ॰ रश्मि माला, डॉ॰ अंजना, डॉ॰ नागलक्ष्मी, श्रीमती श्रीनी, डॉ॰ सुनीता, आदि-आदि) बड़े ही उत्साह के साथ कार्यक्रम में शामिल होकर हिन्दी के प्रति अपने उद्गार को अभिव्यक्ति दिया, जो काफी प्रशंसनीय रहा। कार्यक्रम में कॉलेज की सम्मानीय प्राचार्या डॉ॰ सिस्टर ज्योति, उपप्राचार्या सिस्टर शोभा, कॉलेज की बहुसंख्य प्राध्यापिकाएँ एवं बड़ी संख्या में छात्राएँ उपस्थित रहीं। दो दिवसीय कार्यक्रम का समापन हिन्दी विभाग की प्राध्यापिका डॉ॰ सुविंता के

राजभवन प्रांगण में वसंतोत्सव होली मिलन समारोह

दिनांक ३ मार्च २०२० को राज्यपाल सह कुलाधिपति, झारखंड - श्रीमती द्रौपदी मुर्मू के अति प्रशंसनीय कार्य परंपरा के आलोक में राजभवन प्रांगण के भव्य सांस्कृतिक मंडप में वसंतोत्सव होली मिलन सांस्कृतिक संध्या का मनमोहक आयोजन संपन्न हुआ।

यह सांस्कृतिक आयोजन राँची के उच्चतम शैक्षणिक धरातल पर राँची विश्वविद्यालय अंतर्गत चार प्रमुख महाविद्यालयों - निर्मला

कॉलेज, राँची, संत जेवियर कॉलेज, राँची, राँची वीमेंस कॉलेज, राँची एवं जे एन कॉलेज, धुर्वा, राँची के श्रेष्ठ मूल्यों का दिग्दर्शन कराता हुआ रंगों का फुहार था। इस सांस्कृतिक संध्या में राजभवन का रंगमंच विभिन्न रंगारंग प्रस्तुतियों का गवाह बना। कुलपति, उपकुलपति (राँची विश्वविद्यालय), चारों महाविद्यालय के प्राचार्य - प्राचार्या, एवं सभी विशिष्ट जनों ने महामहिम राज्यपाल सह



कुलाधिपति श्रीमती द्रौपदी मुर्मू को वास्तविक मनमोहक पुष्प गुच्छों से सम्मानित कर पर्यावरण संरक्षण का अनुकरणीय संदेश रंगारंग संध्या के शुभ बेला में दिया।

कार्यक्रम प्रस्तुति के उद्घोषक की आद्यांत बेमिसाल भूमिका में अध्यक्ष, हिन्दी विभाग, संत जेवियर कॉलेज, राँची प्रोफेसर डॉ. कमल कुमार बोस ने अपने विशेष उद्घोषक शैली से कार्यक्रम मंडप में वसंतोत्सव होली का विशेष समां बांधा।

सांस्कृतिक प्रस्तुति में निर्मला कॉलेज राँची की छात्राओं ने 'प्रह्लाद दर्शन', 'रास रंग' नृत्य, विभिन्न प्रांतीय नृत्य (गुजराती, राजस्थानी, ब्रज की लठ मार होली नृत्य, बांग्ला, संथाली आदि) से राजभवन प्रांगण का मनमोह लिया, वहीं राँची वीमेंस कॉलेज की छात्राएँ अपनी प्रस्तुति- वसंतोत्सव एवं कृष्ण रास संबद्ध गीत - नृत्य - झूमर से होली के रंग में दर्शकों को मन भर कर डुबोया। भला संतजेवियर के छात्र- छात्राएँ पीछे क्यों होते ? इन्होंने तो रंगों की वर्षा ही कर डाली। इन सभी सांस्कृतिक प्रस्तुतियों के मध्य जे एन कॉलेज धुर्वा, राँची की एक दिव्यांग छात्रा स्वाति सिंह (किकि सिंह) ने स्वरचित कविता "रंगों से बरसात" का पाठ कर उपस्थित

जनमानस के दिलो-दिमाग को भावविभोर कर दिया। इन सांस्कृतिक प्रस्तुतियों के बीच आकाश में बादल अठखेलियां करता हुआ फाल्गुनी वर्षा की फुहार के साथ खुशियों का इजहार कर रहा था।

इस मनोरम संध्या के सहभागी महामहिम राज्यपाल सह कुलाधिपति श्रीमती द्रौपदी मुर्मू की सहभागिता के साथ-साथ राजभवन झारखंड के सभी प्रशासकीय पदाधिकारी, राँची विश्वविद्यालय के कुलपति प्रोफेसर डॉ. रमेश पांडे, उपकुलपति प्रोफेसर डॉ. कामिनी कुमार, रजिस्ट्रार डॉ. अमर कुमार चौधरी एवं सभी पदाधिकारी (राँची विश्वविद्यालय), निर्मला कॉलेज राँची की प्राचार्या डॉ. सिस्टर ज्योति, सुपीरियर एवं जी बी सेक्रेटरी सिस्टर लिडविन मेरी, राँची वीमेन्स कॉलेज की प्राचार्या डॉ. श्रीमती मंजू सिन्हा, संत जेवियर कॉलेज के प्राचार्य डॉ. फादर एमानुएल बारला, जे एन कॉलेज धुर्वा, राँची के प्राचार्य डॉ. बी पी वर्मा, राँची विश्वविद्यालय अंतर्गत अन्य कालेजों के प्राचार्य, प्रतिभागी चारों महाविद्यालय के प्राध्यापक वृंद, शिक्षकेतर कर्मचारी समूह, छात्र - छात्राएँ आदि भारतीय सांस्कृतिक विशिष्टता के उद्घोषक बने।



NSS Activities

NSS Activities from July 2019 to June 2020 were innumerable, which is commendable seeing that March 2020 onwards the country was crippled in movement. Activities started in 2019 with all three Units of the NSS taking part to celebrate International Yoga Day on 19th June, under the leadership of Prime Minister Narendra Modi in Prabhat Tara Ground. On 7th September, a One-Day Workshop was organized to brainstorm, among other agenda, Golden Jubilee Celebrations, NSS Foundation Day programme, Swachh Bharat Summer Internship Programme (SBSI) and PRD Selection Camp date of Ranchi University. On 18th September, a Blood Donation motivation Session was

organized under Resource person Mr. Atul Gera, Life Savers, about the need of blood donation. On 21st September, Pre - Republic Day Parade Selection camp was held in Morabadi. On 22nd September, an Essay Writing Competition on "Begging as a problem in India: Causes & Remedy" was held to make students aware of begging as a social problem, the causes responsible and their role in eradicating it. On 24th September, 28 units of blood were collected in a Blood Donation Camp. On 1st October, a Rally on "Swachhta hi Seva" was organized from the college premises to Parastoli, South Office Para, Oraon Kochha and back to the college campus. The Principal Dr. Sr. Jyoti flagged off the rally and said



that swachhta is essential, for God lives in clean minds. 2 NSS Volunteers Melani Ekka, B.Sc. Maths Honours and Karuna Kumari, Psychology Honours took part in the Pre - Republic Day Parade Camp at Gwalior from 30th October to 8th November, 2019. On 21st November, Voting Awareness Programme was organized with Prabhat Khabar. The Editors spoke about the importance of vote and the right to vote. On 26th November, 70th Constitutional Day Celebrations took place. After a song on the constitution, the Principal spoke on the importance of knowledge of the Constitution. All the students and teachers recited the Preamble together. Many competitions were also held on this occasion. On 2nd December, World Aids Day, NSS volunteers pinned the Red Ribbon loop on different people in the college. On 11th January, National Youth Day, Principal & teachers offered floral tribute to the portrait of Swami Vivekananda. The Principal urged the students to follow the footsteps of Swami Vivekananda, the great leader and role model of youth. All 3 NSS Units observed Swachhta Pakhwara from 2nd January to 1st February, 2020. The programme began with oath taking ceremony. The Principal motivated NSS volunteers to propagate the message of Swachhta everywhere. NSS volunteers took oath to spend 100 hours a year, that is, 2 hours a day in voluntary *shramdan*, like a cleaning drive to make college a polythene-free campus. Competitions on Painting, Speech & Poster making on topics like Water Conservation, Best out of Waste took place.



On 4th February, Ranchi University in collaboration with Sambandh Health Foundation and Allmelu Charitable Foundation (Tata Trust) organized a one-day workshop on Tobacco Control to make people realize that tobacco is a slow killer and sweet poison which kills the person gradually. And on 12th February, Tobacco Control Oath ceremony took place where volunteers took pledges to make society tobacco-free. 20th February was Observation of Social Justice Day with Dainik Jagran. NSS volunteers were made aware of their responsibility regarding caste, creed, colour, sex towards social justice to build a just society. On 23rd February, Fit India Run-on-Thon took place at Morabadi. Chief Guest Chief Minister, Hemant Soren said that to gain health we need to keep ourselves fit. Twenty NSS volunteers took part in it and were given medals.

A Culture Exchange Programme took place from 2nd March to 8th March, 2020 at Don Bosco Institute, Kharguli, Guwahati. Two NSS volunteers Subhadra Hembrom & Manisha Khess took part in it. On 5th March, a Tobacco Control Awareness Programme was organized. NSS volunteers were exhorted to create awareness among the people about the bad effects of tobacco. Manshi Keshri presented a PPT on the occasion.



In April 2020 NSS Volunteers made Posters, videos and posted through WhatsApp to create awareness among people on measures to safeguard oneself from Covid-19 like using mask, washing hands frequently and maintaining social distancing. In May, NSS volunteers made posters and videos online on WhatsApp to create awareness on dangers of spitting in public and how spitting in public places is banned for the reason that droplets carry corona virus. On 31st May, No-Tobacco Day was observed with online posters and paintings being uploaded to create awareness on how dangerous the use of tobacco is.

5th June was observed as World Environment Day by the NSS volunteers in their respective homes due to lockdown. They planted saplings and uploaded the photos. On 14th June, a camp was organized in collaboration with Life Savers to observe World Blood Donation Day. 23 units of blood were collected. NSS Volunteers Rupa Kumari (B.Sc.IT Sem I) & Ruchi Kumari (B.Com Sem I) made Face Shield Mask at home with inexpensive available materials and offered to the Principal of Nirmala College for distribution to the needy free of cost.

Throughout the year the three units of NSS under Dr. Sr. Sushma, (Political Science Department), Dr. Ranju Kumari (Head of Department, Philosophy) and Dr Manisha Kumari (Zoology Department) have been



raising awareness and students' participation in various fields.

International Yoga Day

International Yoga Day was celebrated by Nirmala College on 21st June, 2020, on a digital platform keeping



in view the ongoing social distancing followed by the nation. The programme began with the welcome address of Dr. Rashmimala Sahu, HOD, Political Science, who highlighted the theme of International Yoga Day 2020, 'Yoga at home, Yoga for family' and the health benefits of Yoga. This was followed by a warm address and prayer by Principal, Dr.

Sr. Jyoti who prayed for the physical, mental and spiritual well - being of the faculty members, students and family members present on the occasion and laid stress on the benefits of Yoga specially during the ongoing COVID-19 pandemic period and the importance of building immunity for health and well- being. Dr. Jyoti Pandey (Assistant Professor, Department of Economics) was the Yoga instructor who demonstrated certain Asanas and Surya Namaskar which was followed by the faculty members and students who had registered online. All the faculty members and students of various departments were present online on the occasion. The event was Live streamed on YouTube for the students. The programme ended with the National Anthem. It was hosted by Dr. Ranju Kumari (HOD, Department of Philosophy).

DBT-Star College Scheme Events

A three-year project awarded to Department of Botany and Zoology under the Star College Scheme for strengthening of Undergraduate Science by Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India, commenced on 18th March 2019 and the First Annual Report for the various activities & procurements under this Project was submitted to DBT.

Field Visit – An Academic Lab Visit to *Central Tasar Research Institute* was conducted for the students of Life Sciences to study the rearing and commercial production from Tasar Silkworm, *Antheraea mylitta* on 10th April 2019. The field visit was intended to provide a better understanding of Sericulture that is an integral part of Basic Economic Zoology Curriculum. 115 students were

accompanied by 6 Faculty members and 3 Lab Staff during the visit.

Interdisciplinary Lecture –An interdisciplinary lecture under the DBT funded Lecture Series was organized on “*Nuclear Hazards and Human Health*” on 10th May, 2019. 140 students of Sem I and Sem III attended the lecture programme. The resource person for the event, Dr. Abhijit Dutta, Associate Professor, PG Department of Zoology, Ranchi University, presented his ideas on the various nuclear tragedies and its repercussion on human health. He also emphasized the importance of awareness among masses related to the destructive effects of nuclear pollution.

Inter - College Science Quiz –The Quiz “*Science Quest*” was conducted to develop scientific aptitude of the students. Students from 7 colleges accompanied by their Principals & teachers participated in the event. The preliminary rounds were held in the respective colleges. The Semifinal round and Grand Finale was organised on 6th September 2019 at Nirmala College. The Champion’s trophy was bagged by Dr. Shyama Prasad Mukherjee University, Ranchi. Suraj Singh Memorial College and Yogoda Satsanga Mahavidyalaya were first and second runners up respectively. Guest of Honour, Pro Vice Chancellor, Ranchi University, Dr. Kamini Kumar, was overwhelmed by the enthusiasm and scientific curiosity of the students.

Lecture Series in Zoology –A Departmental lecture series in Zoology was organized on 14th December 2019 on the topic “*Mitochondria*”. The Resource person for the event was Dr. N. Venkat Appa Rao, Associate Professor, PG Department of Zoology, St Xavier’s College, Ranchi. He explained the Origin of Mitochondria and its role in biochemical behavior as a cell organelle and focused on the concept of Chemiosmotic synthesis and role of ATP synthase. Krebs’s cycle and Electron Transport Chain was also explained along with recent advances in the study of



Mitochondria. Nearly 100 students of Sem I and II participated in the event.

Lecture Series in Botany –A Departmental lecture series in Botany was organized on the topic “*Medicinal Plants of Jharkhand*” on 1.2.2020. The Resource person was Dr. Kaushal Kumar; Head, Forest Productivity Unit, Faculty of forest from B.A.U., Ranchi. He discussed the importance of medicinal plants in our daily lives, explained the identification and nomenclature of medicinal plants as well as ethno medicine and also motivated the students to pursue a career in entrepreneurship in the field of medicinal plants. 50 students participated in the event.

Hands-on-training - An interdisciplinary hands-on-training programme on ‘*Instrumentation*’ was organized on 31.01.2020. The resource person for the workshop was Dr. Kanchan Kumari, Research Associate at ICAR-IINRG (Indian Institute of Natural Resin and Gums). Students were trained on the tools and techniques of Electrophoresis, including preparation and loading of gel



in the unit, gel casting, loading of genomic DNA etc. Materials and methodology of working on a Spectrophotometer for the extraction of DNA was also explained. The hands-on training session enriched the students' knowledge with a practical experience of using scientific equipment. 70 students of Sem V benefitted by the workshop.



Faculty Enrichment Programme- An Invited Talk-cum-Faculty enrichment programme on "Bioinformatics and Simulation Studies" for the Science faculty was held on 15th February 2020. Dr Raju Poddar, Associate Professor, BIT Mesra was the resource person. Nearly 15 Science faculty members of the College participated in the Faculty Enrichment Programme. Bioinformatics, an interdisciplinary field of Science, combines biology, computer science, information engineering, mathematics, and statistics to analyze and interpret the biological data. Dr. Poddar explained the various open source software tools like MEGA & SWISS MODEL that are generally used for biological research and teaching. He also gave a hands-on training session in simulation of biological data using the structural bioinformatics web-server dedicated to molecular modelling and also illustrated the technique of molecular docking.

Research and Innovation



Dr. Anjana Singh, HOD, PG department of History, Nirmala College was granted a 3-year Research Project entitled "Understanding the Impact of Hinduism and Christianity on Tribal Language and Culture in Jharkhand: With Special Reference to Mundas and Oraons" under UGC-STRIDE Component 1 on 3rd December 2019. The approved amount for the Project is Rs.21,00,000/-. The outcome of the project would definitely add up to the literary and scholastic achievements of the Principal Investigator as well as give newer insights to the flavor and culture of the specified tribal communities.

A Research Lab was inaugurated by Dr. Sr. Jyoti, Principal, Nirmala College in the Department of Zoology on 31.01.2020. The design and outlay of the Research Lab was the outcome of efforts of Dr. Emma. R. Seraphim, HOD, Zoology. The lab is equipped with modern apparatus and latest eco-friendly and SMART devices like LCD Monitor with camera, Spectrophotometer, Binocular light microscope, ELISA Instruments, Electrophoresis unit, Water distillation unit and would serve as the centre of fostering



research activities of the faculty.

Nirmala College added another feather to its cap by becoming a pioneer in establishing a Virtual Lab for its students as well as faculty. The Virtual lab, which is first of its kind in Jharkhand, is an endeavour of Dr. Emma. R. Seraphim (HOD, Zoology) and faculty of the Department of Zoology. Setting up of the Virtual Lab was a major step to help the students understand anatomy and physiology of animal body through virtual web portal and simulation, as the latest CBCS curriculum has banned dissections which is an integral part of Animal study & research. The lab was inaugurated by Principal, Dr. Sr. Jyoti on 31.01.2020.



Community Service during COVID-19 Pandemic

In a truly humanitarian gesture, Nirmala College Ranchi extended a helping hand to the needy and underprivileged sections of the society during the turbulent times of COVID-19 pandemic. The congregation sisters under the leadership of the Principal, Dr. Sr. Jyoti and GB Secretary, Sister Lidwin Mary, and non-teaching staff took up the gracious work of distributing food grain packets to the daily wage earners and slum dwellers of Satellite Colony, Jagannathpur, Oraon Kochha, Paras Toli, Khalkho Kochha and the residents of Mecon servants' quarters. Beginning from the Holy week of Easter on 8th April, 2020 to 25th June, 2020, around 800 food packets were distributed by the congregation sisters. The food packets consisted of rice, wheat flour, pulses, soya nuggets, cooking oil and salt. In a similar vein, the Principal of Nirmala College, Dr. Sr. Jyoti distributed to the needy, a substantial number of Face Shield Masks made at home by students-Rupa Kumari of B.Sc. IT, Sem I, Ruchi Kumari of B.Com. Sem I and students of Sem I and Sem II of Fashion Designing. This generous gesture and dedicated community service by Nirmala College is truly commendable and it would go a long way in providing relief and consolation to the needy and deprived sections of the society.



Management of Academic & Administrative activities during COVID – 19 Lockdown

Online Teaching during COVID-19 Lockdown: Consecutive to the MHRD, Govt. of India directive, the faculty has been conducting online classes during the COVID-19 lockdown period, w.e.f. 23.03.2020. They have been working from home and been in constant contact with their students through Social media, that is WhatsApp and YouTube. More than 500 audio/ video lectures prepared by 34 Teachers from 14 departments on UG & PG courses of the prescribed syllabus have been uploaded, and the college official YouTube page is being updated daily.

Some departments like Mathematics, Psychology, Geography and History have also conducted online teaching sessions using Zoom and Google meet, etc. Around 2800 students have benefitted by this initiative. Besides these, students have been made aware of the ICT E-Learning initiatives of MHRD and UGC, namely, SWAYAM Online Courses, UG/PG UGC-MOOCs, e-PG Pathshala, e-Content Courseware in UG Subjects, SWAYAM PRABHA, CEC UGC YouTube Channel, e-Shodh Sindhu, Consortium for Higher Education Electronic Resources and Vidwan. Under the guidance of respective faculty members, students are



remotely accessing e-resources from these repositories coupled with the instructional materials shared over mail, WhatsApp, YouTube, and Radio Khanchi. Students' responses are also being documented regularly. There have been regular online tests for internal assessment of UG & PG Courses using Google Forms app and Group mail system. End Semester practical exams of UG Sem V, evaluation of dissertation & Viva-voce of PG Sem IV have also been conducted online through meeting applications. Weekly reports of all academic activities are submitted by the Heads of the respective Departments to the Principal which is then forwarded to the Office of Vice Chancellor, Ranchi University. The College has also created a YouTube channel (WE SHALL OVERCOME) where inspirational audio & video messages and other video content created by the Management & Faculty members are uploaded to motivate the students. In addition to this, regular counselling is being done by the Principal and faculty through WhatsApp video calls and Skype to monitor & address the mental well-being of the students. Online Parents Teachers Meet (PTM) had been organized successfully by two departments of the College - Dept. of Philosophy & Dept. of History and positive

feedback was received from the parents regarding online teaching being conducted by the teachers and management. The college has also been helpful to those students who face difficulties in accessing the online classes due to remoteness of area or poor net connectivity, and extra measures are being taken to share with them the material sent to the other students.



The COVID-19 pandemic could not deter the indomitable spirit of the Principal, Dr. Sr. Jyoti, who, along with the management of Nirmala College, is actively involved in coordinating with the teachers and the students for the smooth functioning of the institution through WhatsApp, E-mails and virtual meeting platforms like ZOOM and Meet. The transition to the digital mode has enabled a seamless continuity in the teaching learning process and has also led to the successful completion of various online events and programs like Webinars, Workshops, Faculty Enrichment Programs, International Conferences and extracurricular activities for the benefit of the teachers and students.

Online Faculty Enrichment Programmes (Webinars) during COVID-19 Lockdown

Webinar under UGC-STRIDE Component I: A two-day Webinar was organized by Nirmala College in collaboration with Amity University Jharkhand on 3rd & 4th June 2020 sponsored under UGC-STRIDE Component I. The topic of the Webinar was "Understanding Tribal Religion and Culture: With Special Reference to Jharkhand". Dr. Anjana Singh, HOD, PG department of History, Nirmala College, and Dr. Shayantani Banerjee, Assistant Professor, Amity University are the Principal Investigator & Co-Investigator of the UGC-STRIDE project, respectively. The event was conducted in four



sessions. On the first day, Prof. (Dr.) Padmaja Sen, Former Professor and Head, University Department of Philosophy, Kolhan University, Chaibasa spoke on the "Creation myths of the Tribals of Jharkhand". Dr. Radhika Borde, Senior Researcher, Department of Social Geography and Regional development, Charles University, Prague delivered the second session on "Ecology, Women, Festivals and Politics in Tribal Religion's Engagement". On the second day, Prof. (Dr.) Ramesh Sharan, Former Vice Chancellor, Vinoba Bhave University Hazaribagh & Prof, University Department of Economics, Ranchi University delivered a lecture on "Understanding Tribal life and Culture". The second session was taken up by Dr. Santosh Kiro, Assistant Prof, Dept. of Mass Communications and Journalism, St. Xavier's College, Ranchi. He discussed the "Tribal Philosophy: Their Gods, World, Man, Sex, Land, Life and Death, Ecology, Consumerism and More." The main aim of the Webinar was to impart knowledge on latest research studies in the field of Tribal life, their problems, behaviour as well as social organization starting from religion to consumerism.



Department of Zoology, Nirmala College in collaboration with P.K Roy Memorial College, Dhanbad organized a two-day National Webinar on “*Pandemic COVID-19: Reshaping the Higher Education and Green Industries*” on 10th & 11th June 2020. The programme commenced with a welcome address by the Convener, Dr. Emma R. Seraphim (HOD, Zoology). Principal Dr. Sr. Jyoti welcomed the participants and said that we need to fight this microscopic enemy of COVID 19 through learning and making ourselves ready to face the challenge and come out as winners. Dr. B.K Sinha, Principal P.K. Roy Memorial College, Dhanbad also extended his greetings to everyone present in the Webinar. There were two keynote addresses and Technical sessions on each day. Prof. K Srinivas, Head, ICT & Management NEPA, Delhi Project discussed various methods that can be utilized for online teaching-learning process in the lockdown using web portal facility. On the second day, Prof. Y Narsimhulu, Director, HRDC, Hyderabad delivered a wonderful presentation on the need of online teaching which would now become a necessity in future. He mentioned several ways of bringing efficacy in creating content specific teaching materials. A plenary session was held on the same day with three renowned speakers from Central Tasar Research and Training Institute (CTR TI) Dr. Z.M.S Khan, Director CTR TI, Dr. Niranjan Kumar, Senior Scientist-D and Dr. J.P. Pandey, Senior Scientist-D. They spoke on the potential of Tasar Silk Industry as



a green industry in providing employment and in commercial gains at local and national level. 7 papers were presented in the technical sessions which were highly appreciated.

Department of Philosophy organized a two-day webinar on 13th & 14th June 2020 on the topic “*Post COVID-19: Challenges, opportunities and ethics of care*”. The convener of the Webinar was Dr. Ranju Kumari (HOD, Department of Philosophy, Nirmala College). The speakers for the first day were Dr. Debashis Guha (Prof., PG Dept. of Philosophy, University of Allahabad), Dr. Ashutosh (Surgeon, New Delhi) and Kumar Rajat (Chief Reporter, Dainik Jagaran, Patna). The speakers for the second day were Dr. Sanjay Kumar (Asstt. Prof and Head, Philosophy, Chandil College, Chandil), Dr. Vivek Kashyap (Superintendent RIMS, Ranchi), Dr. Alka Nijami (Director, Deepshikha, Ranchi) and Fr. Raju Felix Crasta, (Mission in-Charge, Balrampur, West Bengal). All the speakers discussed the philosophy behind service during the period of COVID -19. The speakers eloquently brought about the challenges that are being faced in combating the problem. All the speakers stressed on the point that we need to convert this time of distress into time of opportunity by using our will power and serving each other mentally and morally.

Webinar by Department of BCA: A two-day Webinar was organized by the Department of BCA on “*Knowledge and Productivity with Artificial Intelligence*” on 23rd - 24th June 2020. The convener of the webinar was Mrs. Sonali Sinha. The speaker for the Seminar were Dr. Megha Sinha, Assistant Professor, Co-ordinator CSE Sarla Birla University, Ranchi. The second speaker, Mr. Syed Jaffar Abbas, Assistant Professor, Department of CA, and IT, DSPMU discussed the “*Artificial Neural Network*”.

Skill Development Programmes for Students

Student's Workshop on Python: A live - demo workshop on the Topic 'Python' was organised by Department of BCA on 21st January 2020. Students of BCA and B.Sc.- IT participated in the workshop. A total of 60 students from Part III participated in the event. Sri Raju Manjhi, Assistant Professor, Department of BCA, Marwari College was the resource person. The students were demonstrated the concept and application of the software. The programme ended with a quiz. Shivani Suman (BCA), Priti Kumari (BCA), and Prakriti Vats (B.Sc. IT) were awarded certificates for best answers. The event was presided over by Mrs. Sonali Sinha (HOD, BCA), Dr. Anjali Smita (Co-ordinator, IT) and Mrs. Archana Pradhan (Faculty, IT) managed the event.

Student's Webinar (Vocational Studies): A two-day Webinar for the students of Vocational Studies &



Commerce was organised by Nirmala College in association with RAI University, Ranchi on 15th and 16th June 2020. The topic for the first day was "Trends in workforce productivity through computer application". Mr. Aditya Lodha (Career Specialist, Datalogy) and Professor Anuradha Sharma (Assistant Professor, RAI University) were the Speakers of the day. The topic of the

second day was "Evolving role of management graduates post COVID: a corporate perspective". The speakers were Kumar Devashish (Founder and CEO ISDG foundation) as well as Dr Abhishek Pratap (Assistant Professor, RAI University). Around 1000 students of various colleges of Ranchi participated in the Webinar. Mrs. Sonali Sinha coordinated the two-day event.

Sports for Development Programme

Netball: The Netball Coaching implemented by DNF and inaugurated in February 2018 by Dr Sr Jyoti, Principal, and Superior, Sr Lidwin Mary has borne fruit in the two years of practice under Coach Mr. Pramod Kumar Thakur. The College team played for Olympic Day Celebration 23rd -29th June 2019 at Shanti Rani School Bada Ghaghra. There was a Selection trail at the same venue on 31st October, and Selection Trail for 15th East

Zone National Netball Championship at Odisha. The college team participated and reached third place. The team also tried at Ranchi University Netball M/W Selection Trail 2020 at Gossner College and the Selection Trail for 37th Senior Netball Championship held at Punjab Anandpur Sahib in January 2020. They participated in All India Inter University Netball Championships 2020 at Annamalai University, Tamil Nadu. They also participated in 37th Senior National Netball Championship in February at Anandpur Sahib Punjab

Karate: Karate, which was inaugurated in February 2017 in the college by the Principal Dr. Sr Jyoti with coach Mr.



Sandeep Kumar and Ms. Sneha and Coordinator Dr. Mrs. Nagalakshmi, HoD, Mathematics, has also seen many medals since its inception. On 28th and 29th December 2019, Swati Kumari, Mantasa Parween, Mehar Alia, Saloni Choudhary, Taposi Mehar, Neha Kumari, Saraswati Dhanwar, Tumpa Kumari and Anita Tuti took part in 8th State Championship of Goju Ryu Karate 2019 and brought home 2 Gold, 3 Silver and 5 Bronze medals.



Extension Activities & Collaborations

Mushroom Spawn Production: The consumption of mushroom is becoming extremely popular in Indian cuisine. A Mushroom Spawn Production Unit with its attendant machinery and equipment was installed under MIDH Project, with the support of National Horticulture Mission, Jharkhand in January 2019 at Nirmala College. Under the guidance of the Program Coordinator Dr. Indu Kumari, a 5-day training program on mushroom spawn production was conducted from 12th to 17th October 2019, in which students were made aware of the new techniques in mushroom seed production. This benefitted 13 students from different departments of Botany, Zoology, BBA, and Home Science. Principal, Dr. Sr. Jyoti awarded certificates to all. Vice Principal, Sr. Shobha and others were also present during the program.



Tutorial Program since 2017. The Spoken Tutorial project is the initiative of the "Talk to a Teacher" project of the National Mission on Education through Information and Communication Technology, launched by MHRD, Govt of India. The main objective of this project is to promote IT literacy for education and improve the employment potential of learners in India, using FOSS (Free and Open Source Software) through ICT based pedagogic tools. End-of-Course online tests are conducted, and students receive certificates from IIT, Mumbai for their expertise in a particular course. These certificates give an edge to students during placement by increasing their employability potential. A total of 285 students from BCA, B.Sc. (IT) and BBA were enrolled during 2019-20 for Courses in Introduction to Computers, Advanced C++,



Spoken Tutorial Programme: Nirmala College in collaboration with Indian Institute of Technology, Mumbai runs a digital literacy course called Spoken

for Courses in Introduction to Computers, Advanced C++, C and C++ and Java. The Co-ordinator of the program is Mrs. Sonali Sinha (HOD, Department of BCA).

TISS EXCEL Certification-cum-Convocation Event:

The first Certification-cum-Convocation event was organized on 11th December 2019 for the students of 9 batches of the Certificate Course in Soft Skill Management under Employability Excellence with College Education and Learning (EXCEL) Programme. Nirmala College runs this Programme in collaboration with Tata Institute of Social Sciences (TISS) under an MoU signed with Jharkhand Skill Development Mission Society (JSDMS) in 2017. The Programme aims to help the students develop management & soft skills and enhance their employability through a practical training methodology. Principal, Dr. Sr. Jyoti with great joy and pride in her welcome address acknowledged the TISS-EXCEL team's effort in managing and conducting the

course.

The Certification Course with 270 students enrolled in 9 batches during 2018-19, runs under the supervision of a team of dedicated professionals. The State Head of the Programme, Mr. Aakash Sinha, associated with Tata Institute of Social Sciences for over one and half years in the capacity of content creator, master trainer and visiting faculty was present on the occasion. He highlighted the milestones set for the EXCEL Programme and motivated the students to realise their potential and also congratulated the College management for running the programme efficiently and with the highest enrollment in the state. Hon'ble Principal distributed the Certificates to 167 successful students during the Convocation Ceremony. Ms. Priya Singh, Associate Programme Officer & Trainer of the EXCEL programme, Dr. Sreerupa Roy, (Convener, EXCEL Programme) and Dr. Anjali Smita, (Dept of Zoology) were present on the occasion.



Career Counselling & Placement

Career Counselling Programmes

The Career Counselling and Placement Cell of Nirmala College organised a two-day career counselling programme for the enhancement of career opportunities of students in the field of aviation in association with Speed Jet Aviation on 6th and 7th September, 2019. Captain Dharamraj Shukla was the Resource Person for the occasion. He focussed on creating awareness about the aviation industry and the various career options available in the aviation sector, especially for girls. He also emphasized on the placement opportunities available in aviation and the bright future associated with it. More than 200 students of B.Com and Vocational courses and 500 students of B.A and B.Sc. participated in the programme.

The Career Counselling and Placement Cell of Nirmala College organised yet another programme for the B.Com. students in association with ITM Group of Institutions, Navi Mumbai on 11th September, 2019. Prof Sharad Kumar Jha, the Resource Person, (Assistant director) delivered his lecture and addressed the students on the topic of investment banking. He also gave information about the placement opportunities in investment banking sector. While interacting with the students of Nirmala college he spoke on the current market volatility due to various economic policies. 175 students of B.Com. Semester IV participated in the programme.

The Career Counselling and Placement Cell of

Nirmala College organised yet another programme in collaboration with Airport Authority of India, Birsa Munda Airport, Ranchi on 6th November, 2019. 360 students of B.A and Vocational Courses participated in the programme. Mr. R K Sinha, HR, Birsa Munda Airport Authority, provided information about the internship as well as job opportunities for students in Airport Authority of India.

A Career Counselling programme was organised in collaboration with the members of Xavier Institute of Social Service, Ranchi on 11th November, 2019. Dr. Shyamal Gomes from HRM Department and Dr. Rik Das from IT Department of XISS addressed the students on the topic of "*Career opportunities in Management*" and spoke about 'Right Choice, Right Career.' They informed the students regarding the career prospects available in the field of management. Approximately, 250 students participated in the programme.

Yet another Career Counselling programme was



organized by the Career Counselling and Placement Cell of Nirmala College in association with St. Xavier's College, Bangalore on 27th January, 2020. Ms. Philomena Joseph, Assistant Manager Counselling, St. Xavier's College, Bangalore, was the Resource Person. 250 students of B.Com and Vocational Courses participated in the programme. The students were informed about MBA Global, MBA Corporate and multiple job opportunities in the field of management.

Another Career Counselling programme was



organised on 15th February, 2020. Dr. Om Prakash, Principal, GIIT Professional College was the Resource Person for the event. Students were greatly encouraged and informed about the job requirements and given tips for the preparation of CV. He also emphasized on the necessity to enroll in internship programs to enhance the



capabilities and skills for the required jobs. Around 500 students of B.A, B.Sc. and Vocational Courses participated in the programme with great enthusiasm.

Placement

The Placement Cell of Nirmala College conducted its first digital recruitment process for BCA and B.Sc. students on 16th November, 2019 in association with Concentrix, which is a subsidiary of SYNEX Corporation and offers an amazing career by providing multiple opportunities in 10 industry verticals including financial services, healthcare, communications, etc. 105 students took the online exam which was conducted via a text message and by email. It was successfully completed in 40 minutes. The assessment was monitored by the AMCAT APP and photos were clicked during the exam. 51 students qualified the exam. The Placement Cell of Nirmala College is actively involved in catering to the career opportunities of students through online exams under the dynamic leadership of the Principal Dr. Sr. Jyoti.



05 students of BCA - Nupur Rana, Nivi Priya, Smita Murmu, Sakshi Gupta and Ankita Singh- and 01 student of IT- Ananya Sharma- were selected by TCS on 17th December, 2019 and 06 students of BCA- Nupur Rana, Anamika Kumari, Smita Murmu, Sakshi Gupta, Varsha Kumari and Tahreem Naseem- and 01 student of IT- Ananya Sharma- were selected by Wipro on 18th March, 2020. Minali Sahu of IT (session 2016-19) joined Glocalview, a Norwegian company with delivery centers in India and Poland.

Other Activities

Orientation Programmes for UG and PG courses were held on 15th July, 2019 for B.Com and Vocational courses, 22nd July for B.A. /B.Sc. and vocational courses and on 8th May for the M.A. students.

The **73rd Independence Day** was celebrated on 15th August by hoisting the tricolor which was followed by a colourful cultural programme. Sr. Jyoti in her address, quoting Rabindra Nath Tagore's "Where the mind is without fear and the head is held high." infused a sense of responsibility, love, and patriotism for the nation.

The **71st Republic Day** was celebrated on 26th January, 2020 by hoisting the national flag. Principal, Dr. Sr. Jyoti in her address reminded everyone to be not just mindful of

their constitutional rights but their duties as well.

The **Fit India Movement** was launched by Prime Minister, Shri Narendra Modi on 29th August 2019 on the occasion of National Sports Day and birth anniversary of India's sports icon, Major Dhyanchand. The nation-wide campaign aims at encouraging Indians to remain healthy and fit by including physical activities and sports in their daily lives. Principal, Dr. Sr. Jyoti made necessary arrangements in the College Auditorium to view the live telecast of the ceremony at Indira Gandhi Indoor Stadium, New Delhi on YouTube. Students and faculty members also took the fitness pledge on this occasion.

Teachers' Day A special colorful cultural program was organized on the occasion of Teachers' Day on 11.09.2019. Principal Dr. Sr. Jyoti, Vice Principal Sr. Shobha, Superior Sr. Lidwin Mary, all HODs, teachers and students placed flowers and petals reverently at the portrait of Dr. S Radhakrishnan. Program started with welcome song, Mangala charan dance, classical dance by Ronita Chakraborty, followed by a song by Divya Jyoti and a group dance by Nandita and Nancy's group. GB Secretary and Superior Sr. Lidwin Mary while addressing the students told them that a mother and a teacher are the ones who ignite the spark for the light in our lives





within us. A teacher's guidance prevents us from straying onto the wrong path. Our achievements are actually the fruition of the gift of those teachers. The Principal Dr. Sr. Jyoti said that the students through their words and artistic expression made us realize that teachers are special.

Gandhi Jayanti: A program was jointly organized on 1st October 2019 by the Dept of History and NSS. Apart from the declamation by the students, different activities were performed, and Gandhiji's favorite bhajan 'Vaishnava Jan To' was sung on this occasion and a presentation on Gandhian Thoughts was presented by PG students of History Department. A pledge was taken on cleanliness by NSS volunteers. The program concluded with an insightful and thought-provoking speech by Principal Dr. Sr. Jyoti.

Leadership Workshop on Gandhi Fellowship: A leadership workshop on "Gandhi Fellowship" for 150 final year students from was organized by the TISS – EXCEL program on 23rd September, 2019 . Ms. Oindrilla Ghosh introduced Gandhi Fellowship, a unique 2-year full time residential fellowship designed to develop and inspire self-motivated youth across the country to follow the unconventional path of action-reflection-action to work for improvement in public education system and lead social transformation through the instrument of self-change. Founded by the Kaivalya Education Foundation (KEF) and Piramal Foundation for Education Leadership (PFEL) in 2008 it encourages young women across the country to bring positive transformation at all levels through reforming the system of public education. Dr.Sr.Jyoti in her address encouraged the students to become ambassadors of social change. The workshop was coordinated by Dr. Sreerupa Roy, Convener of the TISS-EXCEL program.



AWARDS

Shalini Sudha

College Topper,
B.Sc. Mathematics Hons (2016-19)
Sr. Priscilla Memorial Award
for scoring the highest percentage in
Part III Final Examination.



Sunidhi Divyadarshini

B.Sc. (IT) Sem—I (2019-22)
First Prize
National Online PowerPoint presentation competition
for UG and PG students, organised by Assumption College,
Changanacherry Kottayam, Kerala
from 25th to 30th May 2020 on
"Role of Information Technology during COVID 19
pandemic lockdown days".



COLLEGE TOPPERS 2019

Post Graduation



Veronika Lakra
Economics



Sangeeta Priya
Geography



Salge Mardi
Hindi



Asha Lakra
History, Gold Medalist



Priya Kumari
Political Science

Graduation



Priya Kumari
Economics



Priya Singh
Geography, Gold Medalist



Madhu Banra
Hindi



Sabiha Khatoon
Psychology



Shabila Khatun
Political Science



Annu Kumari
BCA



Malini Sahu
IT



Arachana Kumari
Fashion Designing



Sapna Singh
English



Anshikha Kumari
B.Com.



Farheen Naaz Nidhi
Botany



Shalini Sudha
Mathematics



Alish Priya
Zoology