



REPORTS BEST PRACTICE 2) SKILL EDUCATION

LIST OF SKED (Academic Year)

SR.NO.	TITLE OF PROGRAMME / EVENTS	DATE	CONDUCTED BY	BENEFICIARIES/ PARTICIPANTS
1	A Skin Care Awareness Camp was organized	25th of August 2022	Department of Cosmetic Technology	20 students
2	BID students of each class competed in a product-making competition.	1 September 2022	Department of Interior Design	85 students
3	A week long career guidance lecture series was organized for third and fourth year students of Bachelor of Interior Design.	05/09/2022 to 12/09/2022	Department of Interior Design	65 students
4	A 15 day Calligraphy workshop was organized to develop lettering skill required on all drawings for first year students of Bachelor of Interior from.	5/09/2022 to 26/09/2022	Department of Interior Design	30 students
5	Training programme of Hospitality Operations for Deaf and Mute in collaboration with Chitnvis Center	6th September 2022.	Department of Hotel Management and Catering Technology	21 students
6	A one week workshop was arranged by Training and Placement Cell in collaboration with Naandi Foundation	19 to 24 September, 2022	Department of Commerce & Management	55 students
7	Training programme for Group Discussion and personal Interview for Oberoi Hotel Campus Interviews.	11th October 2022.	Department of Hotel Management and Catering Technology	
8	A Workshop on Fabric Painting (GOND ART) Course was organized in collaboration with Pidelite Company. Gond Art is a Tribal art. Miss Kajal Totlani was the a resource person	15th October 2022	Department of Political Science	68 student
9	Cocktail and Mocktail making Interactive session was organised	2 nd November 2022	Department of Hotel Management and Catering	25 students



			Technology	
10	Workshop conducted in Mixoflair College of Beverage Studies, Nagpur	05/11/2022	Department of Hotel Management and Catering Technology	27 students
11	One day Workshop on Life Skills was organized (Resource Person –Dr Urmilla Zunzunwala and Ms. Akanksha Wasnik)	05.11.2022	Department of Human Development	43 student
12	Workshop on Intellectual Property Rights (IPR)	21 st December 2022	Department of Cosmetic Technology	
13	Workshop was conducted on “Roles and Responsibilities of an ECCE Educators and Safety of Children at School” for the teachers of Gokul Balwadi. The Resource Person was Dr. Shraddha Patelia	10.12.2022	Department of Human Development	32 student

Academic year COMMUNITY CONNECT

S. NO	SKED COURSE	DEPARTMENT	COLLABORATION	BENEFICIARY	DURATION	DATES
1	P. G. Students of Sem – III participated in Street play on the topic “Consumer Awareness” at Old Age Home, Panchvati .	06/10/2022	Department of Human Development	35 student		
2	MoU between the Department of Human Development, L.A.D. and Smt. R.P. College for Women, Nagpur and Sprouts Resource and Remedial Centre, Nagpur was signed.	October 2022	Department of Human Development	35 student		



3	Rakhi day at deaf and dumb school	06 August 2022		110 STUDENTS		
4	Submission of Rakhi to Sakal News Office	08 August 2022		110 STUDENTS		
5	Khushiyan 4.0 for “Matrix warrior organization organized Khushiyan 4.0 for “International Record for coloring 75000 Diyas in 12 consecutive hours”--- pan India 264 diyas made packed and given to the organisation.	16 October 2022		20 STUDENTS		
6	District disaster management training programme at BSNL, Training Centre, Seminary Hills, Nagpur	02 February to 13 February 2023		10 STUDENTS		
7	Tree Plantation at Adopted Village Mahurjhari	10 August 2022		25 STUDENTS		
8	Street Play on „Ban on single use Plastic“ at Mahurjhari	10 August 2022		110 STUDENTS		
	Rakshabandhan Celebration at Mahurjhari	10 August 2022		110 STUDENTS		



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9	Rakshabandhan Celebration at Cantonment Area, Kamptee	10 August 2022		20 STUDENTS		
10	Street Play on „Ban on single Plastic“ at Shrinivas Public School, Seminary Hills	12 August 2022		110 STUDENTS		
11	COVID - 19 Vaccination Camp	25 August 2022		110 STUDENTS		
12	Diya Making Workshop	13 Septem ber 2022		20 STUDENTS		
13	Voter Awareness Camp	15 Septem ber 2022		110 STUDENTS		
14	Workshop on Find a Future for Disappearing Urban Rivers	16 & 17 Septem ber 2022		110 STUDENTS		
15	Puppet Show at Snehangan	20 October 2022		20 STUDENTS		
16	Workshop on Block Printing	21 January 2023		110 STUDENTS		
17						



Date:- 18th and 19th October

Report on Bioinformatics workshop

Two days hands on training workshop on Bioinformatics: Journey of learning sequences and structural Biology was organized by Department of Biotechnology ,L.A.D and Smt. R.P college for women, Nagpur on 18th October and 19th October 2022 in collaboration with Sai Biosystems private limited Nagpur. Dr. Alka Dhondge , Co-coordinator of Department of Biotechnology was convener of the program and **Dr. Dilip Gore** was the resource person for this workshop. Fifty nine students from Under Graduate and Post Graduate courses of Biotechnology Department enthusiastically participated in this two day workshop.

Dr Dilip Gore has expertise in the field of Bioinformatics and Biotechnology. He deliberated on the concept of Bioinformatics and it's correlation with life science. He explained the concept of Bioinformatics to the students in simple way. He explained the concept of gene and genome. According to **Dilip Gore**, genome studies have become central to a wide range of biological areas. The term genome derives from Gene+Ome. A gene is an ordered sequence of nucleotides located in a particular position on a particular chromosome that encodes specific functional products (i.e. protein or RNA molecules). It contains upstream regulatory regions. Genome, therefore represents the whole genetic information content of an organism.

Dr. Gore further added that the most important step in the analysis of a new genome is the identification of all its genes. It is important to understand the difference between prokaryotic and eukaryotic genes. In both cases, it is a unit of heredity; however, in eukaryotes this unit may include both the protein coding region and RNA-coding region of a DNA sequence. In prokaryotes, a gene refers only to the protein-coding region because multiple genes may be expressed from a single RNA molecule (an operon).

The standard methodology for gene identification is to find a similar sequence from another organism. This can be done using the BLAST and FASTA families of programs to search all the entries in sequence databases. The Basic Local Alignment Search Tool (BLAST) finds regions of local similarity between sequences. The program compares nucleotide or protein



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sequences to sequence databases and calculates the statistical significance of matches. BLAST can be used to infer functional and evolutionary relationships between sequences as well as help identify members of gene families. He focused on the FASTA format as well. FASTA is a text-based format for representing either nucleotide sequences or amino acid (protein) sequences, in which nucleotides or amino acids are represented using single-letter codes.

He explained about metagenomics and its importance. Metagenomics is the study of the structure and function of entire nucleotide sequences isolated and analyzed from all the organisms (typically microbes). He described about certain conserved regions such as (16s rRNA, 18s rRNA, ITS regions) which are amplified with PCR primers and sequenced. These conserved regions have variable regions that allow for identification of different groups of organisms.

ClustalW is a general purpose multiple sequence alignment program for DNA or proteins. Phylogenetic relationship can be understood by using clustal w

He has explained about the concept of proteomics theoretically explained about structure and different types of protein. The Protein Data Bank (PDB) is a database for the three-dimensional structural data of large biological molecules, such as proteins and nucleic acids. The data, is typically obtained by X-ray crystallography, NMR spectroscopy. Many other databases use protein structures deposited in the PDB. For example, SCOP and CATH classify protein structures. Dr Gore also spoke about PS2 software. This software helps in protein structure prediction provides valuable insights into function, and comparative modeling is one of the most reliable methods to predict 3D structures directly from amino acid sequences.

59 students participated in the workshop.





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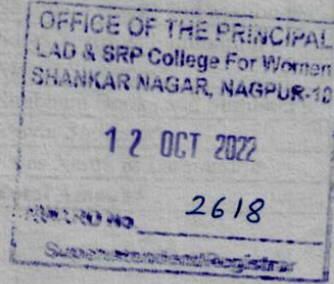


L. A.D & Smt. R.P. College for Women, Nagpur

NAAC AQAR 2022 – 2023

Date: 7/10/2022

To
The Principal
LAD & Smt. R.P College for Women
Shankar Nagar
Nagpur.



Respected Madam,

We are herewith submitting the a/c of calligraphy workshop conducted under SkEd for 15 days from 5/09/2022 onwards. A fee of Rs 1200 was collected from each candidate. 16 students registered for the workshop. The students were provided a stationery kit. Enclosed please find statement of the same.

A resource of Rs fourteen thousand five hundred and thirty two was generated from this workshop. We request your ~~to~~ permission to use this amount for the development of the department.

Thanking You.

Yours faithfully,

Sumita Sapre
Dr. Sumita Sapre
Convenor
Calligraphy workshop

Pooja Pathak
Dr. Pooja Pathak
H. O. D.
Dept. of Interior Design

Encl:
Ac statement
Receipt book
Bills

forwarded
Pooja
12/10/2022

Noted
Pooja Pathak
17/10/2022



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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 2003 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530800
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OFFICE OF THE PRINCIPAL
LAD & SRP College For Women
SHANKAR NAGAR, NAGPUR-10

17 MAR 2023
4312

WARD No.

SUBJECT

No.DOLLE/ 753/23

Dated: 08/03/ 2023

To,
The Principal
L.A.D. & R.P. College for Women,
Nagpur

Subject : Sanction for Conducting Short Term Course under Continuing Education Programme on No Grant Basis. (2023-2024)

Sir/Madam,

With reference to your proposal for conducting Short Term courses indicated below under Continuing Education Programme of this Department, this is to inform you that your proposal has been accepted by the Department and your Institute has been granted permission to conduct the course on the following conditions:

Details of the Course –

Sr. No.	Name of the Course	Name of Course Coordinator	Duration	Credits	No. of Candidates to be admitted	Fees to be Charged Per student	Fees to be Deposited With the Deptt. Per student
1	Certificate Course in Gender Sensitization	Dr. Shilpa Sarode	60 hrs.	3	30	Rs. 600/-	Rs. 360/- Reg. Fee - 60/- Exam Fee - 300/-

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. This sanction is valid for Academic Session 2023-24.
2. Fees for the course should be charged as per the norms prescribed by the Department.
3. Expenditure on the course should be incurred as per norms of the Department.
Income & Expenditure Account should be submitted to the Department.
4. Strength should not exceed the limit for a batch.
5. Course should be started within one month from the date of Sanction.
Please communicate your acceptance within a month and submit Initial Report
6. Submit the List of Students admitted in the excel format attached herewith for each batch.
Also send a soft copy in CD/Pen drive.

Your's faithfully,

Original to be given to Dr. S. Sarode
21/3/23

Forwarded to Dr. S. Sarode for further process
Pratibha

(Signature)
Director



Report

Department of Chemistry

Two Days' Workshop on *Floor Cleaner*” Organised by Department of Chemistry under the aegis of Chemical Society “*Spectrum*” was held on 25th and 26th of April 2023 for B. Sc. Second year students under the supervision of Professor Dr. Mrs. Charita Patil Head, Department of Chemistry. Around 25 students participated in this workshop.

Dr. Mrs. Sonal Dhabekar, M.Tech, Ph.D in Cosmetic Technology and Post-Doctoral Research Fellow as Principal Investigator under Central Govt. Research Fellowship of Women Scientist Scheme, Department of Science and Technology, Govt. of India and an expert in facilitating group workshop and training was invited as a resource person for this program.

On the first day of workshop, Dr. Archana Masram IQAC co-ordinator and Dr. Ruta Dharmadhikari, Department of English were present. Dr. Archana Masram motivated students for entrepreneurship. Dr. Ruta Dharmadhikari shared some words of wisdom with students.

Activity carried out on first day of the workshop includes study of cost effective raw materials, preparation of the product, its packaging and labelling. Chemistry behind the process was explained by Dr. Dhabekar. She also suggested some alternatives one can make in raw materials to make the product effective and attractive. While explaining marketing strategy, she point-wise explained all the variables from raw materials to costing and marketing to gain a profit as well as stability even in the small scale business.

On the second day of workshop the prepared product was kept for sale in college premises. The stall was inaugurated by Dr. Pooja Pathak, Officiating Principal, Lady Amritbai Daga and Smt. Ratnadevi Purohit College for Women. Students explained the effectivity of product to all the visitors. 100% of the prepared batch was sold.

Dr. Avinash Deshmukh, Vice-President Women's Education society and Dr. Nanda Rathi, Head, Department of HD and Joint secretary of Women's Education society felicitated Prof. Dr. Charita Patil for success of the programme.

Dr. Avinash Deshmukh, Dr. Pooja Pathak and Dr. Surashmie Kalmegh shared their valuable feedback remarks for the workshop.



Niharika Khobragade introduced resource person and Krishna Rathod anchored the program. Tanushree Mishra presented formal vote of thanks. All the participants, teaching and non-teaching staff members of department worked hard for success of event



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Dr. Charita Patil, HOD ,Department of Chemistry