

Shiksha Mandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

4th Cycle: Assessment and Accreditation by NAAC



Criterion VI

**Governance, Leadership
and Management**

QnM 6.5.3

**Quality assurance initiatives of the
institution**



Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)
An Autonomous College affiliated to RTM Nagpur University, Nagpur
NAAC Reaccredited 'A' with CGPA of 3.21
(A Linguistic Minority College)



Prof. Pradip. V. Tekade
Principal (Offg.)

Email : jbsciencewardha@yahoo.co.in
pradiptekade@gmail.com

Ref. No. BCS/ /20 -20

Date : 27/DEC 2022

DECLARATION

This is to declare that the information and data furnished as supporting/additional document in the metric 6.5.3 *Quality assurance initiatives of the institution* are true to the best of my knowledge and is verified by IQAC.

Dr. M. R. Chandrakar
IQAC Co-ordinator



Prof. P. V. Tekade
Principal (Offg.)
Offi. Principal
Bajaj College of Science
WARDHA

**Conferences, Seminars, Workshops
on quality conducted**

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)

**Report of One Day Online National Workshop
On
“Intellectual Property Rights (IPR), IP Management and
Research Ethics”
held at Shiksha Mandal's Bajaj College of Science, Wardha.**

One Day Online National Workshop on topic “Intellectual Property Rights (IPR), IP Management and Research Ethics” was jointly organized by Department of Chemistry and MoE's Institution's Innovation Council (IIC) of the Bajaj College of Science, Wardha on Monday 29th August 2022 from 11:00 am to 12:30 pm. Dr. Manoj Gawande (FICS, FMASc, FRSC (UK), Doc (Habil)), Associate Professor, Department of Industrial and Engineering Chemistry, Institute of Chemical Technology Mumbai-Marathwada Campus, Jalna (Maharashtra) was the distinguished resource person. Chairman of the programme Dr. Om Mahodaya (Principal), IIC-President Dr. S. H. Bagade and IIC-Convenor Dr. Mrs. N. P. Mohabansi presided over the function. Dr. P. V. Tekade worked as the Convenor while Dr. P. G. Borkar, Dr. A. V. Nakhate and Dr. Ms. M. A. Haque worked as coordinators of event.

Prof. Manoj Gawande, focused on various aspects of Innovations such as publications, IPRs, research ethics, plagiarism etc. in his thought provoking talk. This online workshop which was held using zoom and YouTube platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 400 participants from different states were registered for the same.

The guest introduction was given by Dr. P. V. Tekade. Dr. P. G. Borkar conducted the proceedings and Dr. Mrs. N. P. Mohabansi proposed vote of thanks.


Dr. P. V. Tekade
Om. Principal
Bajaj College of Science
WARDHA

-----End of Report-----





BAJAJ COLLEGE OF SCIENCE, WARDHA
 An Autonomous College affiliated to RTM Nagpur University, Nagpur
 NAAC Reaccredited "A" (CGPA 3.21) | CPE (Phase II)





Department of Chemistry in association with
MoE's Institution's Innovation Council (IIC)



Organizes one day Online National Workshop on
"Intellectual Property Rights, IP management and Research Ethics"

Date: 29th Aug. 2022
Time: 11.00 am

Free Registration
 Link for Registration: <https://forms.gle/aTev8LXZ34Z4vzeW8>
 About the college: <http://jbsw.shikshamandal.org>

Contact us at: 9985010381
 Email: jic_bscsw@gmail.com

Resource Person:



Dr. Manoj Gawande, (FICS, FNASc, FISC (UK), Doc (India))
 Associate Professor,
 Department of Industrial and Engineering Chemistry,
 Institute of Chemical Technology Mumbai-Marathwada Campus, Jalna,
 Maharashtra, India.
About the Resource Person:
<https://www.gawandesgroup.com/group-members/manoj-gawande/>

Chairman
Dr. Om Mahodaya
 Principal

President (IIC)
Dr. S. H. Bagade
 Head, Department of Physics

Convener
Dr. P. V. Tekade
 Department of Chemistry

Convener (IIC)
Dr. Mrs. N. P. Mohabansi
 Department of Chemistry

IPR Coordinator
Dr. P. G. Sorkar
 Department of Chemistry

Event Coordinators
Dr. A. V. Nakhate & Dr. M. A. Haque
 Department of Chemistry.

Note: Event details and link to join the webinar will be communicated via Email & Whatsapp
 E-certificates will be issued only after attending workshop and submitting Feedback/E-Assessment Form.

Technical session Details

Time	Event
11:00 am – 11:05 am	Conduct/Introduction
11:05 am – 11:10 am	Welcome Remark
11:10 am – 11:15 am	Introduction of Prof. Manoj Gawande
11:15 am – 12:20 pm	Speaker's Session
12:20 pm – 12:30 pm	Queries and Concluding Remark

Glimpse of Workshop on IPR



Shiksha Mandal, Wardha's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

NAAC Reaccredited "A" Grade Autonomous College affiliated to RTM Nagpur U

Department of Chemistry and MoE's Institution's Innovation Council

Jointly Organizes one day Online National Workshop on

"Intellectual Property Rights, IP management and Resea

Date: 29th Aug. 2022 **Time: 11:00 a**



Resource Person
Dr. Manoj Gawande
(FICS, FMASc, FRSC (UK), Doc (Habil))
Associate Professor,
Depart. of Industrial and Engg. Chemistry,
Institute of Chemical Technology Mumbai-
Marathwada Campus, Jalna, (Mah), India.

Chairman
Dr. Om Mahodaya
Principal

President (IIC)
Dr. S. H. Bagade
Dept. of Physics

Convenor (IIC)
Dr. Mrs. N. P. Mohabansi
Dept. of Chemistry

Coordinators
Dr. P. G. Borkar, Dr. A.V. Nakhate and Dr. M. A. Haque
Dept. of Chemistry

Payal Nidhekar



Dr. Manoj Gawande



Shiksha Mandal, Wardha's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

One Day Online National Workshop on

"Intellectual Property Rights, IP management and Resea

29th August 2022

WELCOMES



Resource Person and All Participants





The screenshot shows a Zoom meeting in progress. The main window displays a video feed of Dr. Manoj Gawande. The top bar shows the meeting title "Shiksha Mandal, Wardha's Bajaj College of Science, Wardha" and the date "29th August 2022". The right sidebar shows a list of participants, including Dr. Manoj Gawande, Dr. S. H. Bagade, Dr. P. G. Borkar, Dr. A.V. Nakhate, and Dr. M. A. Haque. The bottom bar shows the Zoom application icon and the system tray.

Zoom Meeting

Participants (7/10)

Dr. Manoj Debata, Pranali Bhat, Dr. Manoj Debata, Dr. Manoj Debata

Plagiarism Policies, Penalties and Consequences

Penalties for Students:

- Level 1 Similarities above 10 % to 40 % Such student shall not be given any mark and/or credit for the plagiarized script and shall be asked to submit a revised script within a stipulated time period not exceeding 8 months.
- Level 2 Similarities above 40 % to 60 % Such student shall not be given any mark and/or credit for the plagiarized script and shall be asked to submit a revised script after a time period of one year but not exceeding eighteen months.
- Level 3 Similarities above 60 % Such student shall not be given any mark and/or credit for the plagiarized script and his/her registration for that course to be cancelled.

PENALTY

Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata

10:00 20-08-2022

Zoom Meeting

Participants (7/10)

Dr. Manoj Debata, Pranali Bhat, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata

One Day Online National Workshop on

"Intellectual Property Rights, IP management and Research Ethics"

29th August 2022

QUERIES SESSION

Click to add notes

10:00 20-08-2022

Zoom Meeting

Participants (7/10)

Dr. Manoj Debata, Pranali Bhat, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata, Dr. Manoj Debata

Thanks a lot for valuable information

Thanks to all for excellent program

10:00 20-08-2022

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
A Report on
**"Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat &
Celebrating 75 years of Independence "Azadi Ka Amrit Mahotstav"
"Cultural Activities"**

Institution's Innovation Council (IIC) and Cultural committee of the Bajaj College of Science, Wardha jointly organized the different Cultural Activities from 13-15 August 2022 on theme **"Aatmanirbhar Bharat & Celebrating 75 years of Independence"**. The cultural programme presented an opportunity to the students to show their talents in different field like Rangoli competition (based on Patriotism), essay competition on **"Aatmanirbhar Bharat of my dreams"**, poster competition on **"Contribution of Premier Institutions for National Development and Self-sufficiency:- A step towards Aatmanirbhar Bharat"**, patriotic group songs and patriotic poem competition.

The cultural activity celebrations started with a rally on 13th Aug. 2022. Students and faculties participated in large numbers in rally and raised various slogans. Rangoli competition was organised on 14th Aug. 2022. 21 students participated in Rangoli competition. On 15th Aug. 2022 essay writing, poster competition, singing completion, Patriotic Group Songs, Patriotic Poem were held in Gandhi hall. 23 and 25 students participated in essay writing and poster competition, respectively. The events got overwhelming response from the college PG, UG students, faculties and non-teaching staff.



The more details of the cultural activities are as follows.

Cultural activities:

- ✓ Rangoli competition,
- ✓ Essay writing,
- ✓ Poster competition,
- ✓ Patriotic group songs
- ✓ Patriotic poem."

Date: 13-15th August 2022

Organizers: Cultural committee and Institution's Innovation Council (IIC) of the
Bajaj College of Science, Wardha

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science


President IIC: Dr. S.H. Bagade

Convenor IIC: Dr. Mrs. N. P. Mohabansi

Coordinator: 1. Dr. Ulka Malode

2. Dr. Govinda Lakhotiya

3. Dr. A.V. Nakhate


(Dr. P.V. Tekade)
Offi. Principal
Bajaj College of Science
WARDHA



Glimpse of the “Cultural activities”





**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**


**Report of Seminar
“Converting Innovation into Start-up”
Venue: Bajaj College of Science, Wardha.**

A guest lecture session was organized by the **Institution's Innovation Council, Bajaj College of Science, Wardha** in association with **Research Innovation Curricular Hour (RICH) Club** on the topic **“Converting Innovation into startup”** on **6th August, 2022 (Saturday)**. The lecture was conducted in **Dr. Damle Library, Bajaj College of Science, Wardha**. The resource person for the talk was **Mr. Sanjay Jaltade, Proprietor, Global Chemicals, Wardha**. The lecture session was attended by more than 100 undergraduate and post graduate students and many faculties of the college. During his talk, the resource person discussed the importance of innovation and innovative ideas. He explained how an innovation can be converted into a startup. He listed out many government and non-government bodies who can support any individual in converting an innovation into startup. He encouraged the students to think about different new ideas and implement those ideas practically. It was a very nice session and the participants enjoyed the interaction with the speaker. The members of the IIC committee and RICH Club was present in the lecture. **Ms. Nandini Surjuse**, member of RICH Club conducted the event and **Dr. Mohobanshi Madam** the vote of thanks. **Dr. S. P. Biswas** and **Mr. P. B. Bhoyar** take efforts for success this program.

Organizing Committee

Chairman:	Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.
President IIC:	Dr. S. H. Bagade
Convener RICH:	Dr. P. V. Tekade
Convener IIC:	Dr. N. P. Mohabansi
Convenor of the event:	Dr. S. P. Biswas
Coordinator of the event:	Mr. P. B. Bhoyar




Dr. Mrs. N. P. Mohabansi
Convener, IIC

Shiksha Mandal, Wardha's
Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

"A Century of Nationalistic, Value Based, Quality Education"

NAAC Reaccredited 'A' Grade Institution

AN AUTONOMOUS INSTITUTION

Affiliated to The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Schedule

Seminar on

"Converting Innovation into Start-up"

SN	Event	Time
1.	Welcome Address	11:00 AM - 11:05AM
2.	Principal's Address to Gathering	11:05 AM - 11:15 AM
3.	Introduction of Guest	11:15 AM - 11:20 AM
4.	Guest Lecture by Mr. Sanjay Jaltade	11:20 AM - 12:20 PM
5.	Question Answer Session	11:20 AM - 12:30PM
6.	Vote of Thanks	12:30 AM - 12:35PM



**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**Report of Seminar
“Start up Plans: Legal and Ethical Steps”
Venue: Bajaj College of Science, Wardha.**

A seminar on “Start up Plans: Legal and Ethical Steps” was organized by Department of Physics, Bajaj College of Science, Wardha (Autonomous) in Collaboration with Institution's Innovation Council and RICH club on Friday, 15th July 2022 at 2.30 pm. Dr. Nilesh Ugemuge Assistant Professor, Anand Niketan College, Warora Dist-Chandrapur was the distinguished Guest Speaker.

Principal of the college, Dr. Om Mahodaya, Chairman of the program, presided over the function. Dr. Sudhir R. Tiple worked as the seminar convenor while Dr. M. M. Yerpude was seminar co-ordinator. Dr. Nilesh Ugemuge had stated start-up as a benefiting tool to both Employer and employee. His address was focussed on legal and ethical Steps involved in building a start-up. He quoted example of various entrepreneur to put forth his point. He also gave emphasis on the current funding and the encouragement given by the government of India.

The Principal of Bajaj College of Science, Wardha, Dr. Om Mahodaya had illustrated the difference between century old start up mechanism and the current scenario. He encouraged students as well as faculty members to participate in the incubation centre of the college.

The seminar got overwhelming response from the college faculties, UG, PG students of Bajaj College of Science, Wardha. Total 250 participants from our college were present for the program. Dr. Sudhir R. Tiple conducted the proceedings. The guest introduction was given by Dr. Mangesh M. Yerpude, while the concluding remarks were made by Mr. Anurag Lokhande, Student Member, RICH.

The more details of the webinar are as follows.

Organizing Committee

Chairman:	Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.
President IIC:	Dr. S. H. Bagade
Convener RICH:	Dr. P. V. Tekade
Convener IIC:	Dr. N. P. Mohabansi
Convenor of the event:	Dr. Sudhir R. Tiple
Coordinator of the event:	Dr. M. M. Yerpude



Dr. Mrs. N. P. Mohabansi
Convener, IIC

Shiksha Mandal, Wardha's
Bajaj College of Science, Wardha

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Schedule

Seminar on

"Start up Plans: Legal and Ethical Steps"

SN	Event	Time
1.	Welcome Address	02:30 PM - 02:32 PM
2.	Principal's Address to Gathering	02:32 PM - 02:38 PM
3.	Introduction of Guest	02:38 PM - 02:40 PM
4.	Guest Lecture by Dr. Nilesh Ugemuge	02:40 PM – 04:00 PM
5.	Question Answer Session	04:00 PM – 04:10 PM
6.	Vote of Thanks	04:10 PM – 04:12 PM



Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Institution Innovation cell (IIC)

A Report on Guest Lecture on "Incubation Opportunities for Students and Faculties"

The guest lecture on "Incubation Opportunities for Students and Faculties Early-stage entrepreneurs" was jointly organized by Department of Microbiology, Institution's Innovation Council (IIC) of the Bajaj College of Science and Research Curriculum Innovation Hour (RICH) Club promoted by Research Promotion Cell on Saturday 9th July 2022. The speaker of the event was **Dr. Abhay Deshmukh, Director, Incubein Foundation, Incubation and Innovation Centre, RTMNU, Nagpur.**

The event got good response from the UG and PG students of all the departments as well as college faculties. Total 113 student and 15 Faculties were attended the programme. The comparing of the programme was carried out by Dr. B V. Mohite, Co-ordinator of the programme. The introductory remark and background of the programme was given by Dr. Mrs. S. S. Khandare, Convener of the programme and Head, Department of Microbiology. Dr. Om Mahodaya, Principal, Bajaj College of Science has delivered the keynote address. Guest introduction was given by Shri M. G. Ingale, Co-ordinator of the programme. Vote of thanks was delivered by Dr. Mrs. N. P. Mohbansi, Convener, IIC.

The more details of the webinar are as follows.

Topic: Incubation Opportunities for Students and Faculties Early-stage entrepreneurs

Date and Time: 9th July 2022; 12.00 -1.00pm

Organizers: Department of Microbiology, Institution's Innovation Council (IIC) of the Bajaj College of Science, Wardha and Research Curriculum Innovation Hour (RICH) Club

Distinguished speaker:

Dr. Abhay Deshmukh, Director, Incubein Foundation, Incubation and Innovation Center, RTMNU, Nagpur.

Venue: Dr. Damle Library Hall, Bajaj College of Science, Wardha

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science

Convener: Dr. Mrs. S. S. Khandare, Head, Department of Microbiology

President IIC: Dr. S. H. Bagade

Convener IIC: Dr. Mrs. N. P. Mohbansi

Co-ordinator: Dr. B. V. Mohite

Co-ordinator: Mr. M. G. Ingale

and All IIC Team Members

Glimpses of the Event



for cural

Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha



Wardha, MH, India

Wardha, Wardha, 442001,

Lat 20°44'26.5022"N, Long 78°37'7.9617"E

07/09/2022 12:21 PM



Wardha, Maharashtra, India

PJR7+7CG, MIDC, Wardha, Maharashtra

442001, India

Lat 20.740593°

Long 78.614177°

09/07/22 12:35 PM





**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**A Report of
Webinar on
"Raman Techniques in Science and Technology"
held at Bajaj College of Science, Wardha.**

A national webinar on "Raman Techniques in Science and Technology" was jointly organized by Department of Physics, BCS, Wardha and Institution's Innovation Council (IIC) on Monday, 28th February 2022. The researcher **Dr. Mangesh Diware**, Research Associate, Department of Physics and Astronomy, Seoul National University, Seoul, South Korea, enlighten the students with Raman Techniques in Science and Technology.

Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. Sanjay H. Bagade, President IIC, BCS, Wardha has chaired the sessions. Dr. Sudhir R. Tiple was the convenor while Dr. Mangesh M. Yerpude was webinar co-ordinator.

Dr. Mangesh Diware started with the biography of Dr. C. V. Raman. The students got inspired by the labs and hard work during those days. Guest also explained Raman effect in detail. The each and every aspect of Raman effect was explained to the students. The recent development in Raman Spectroscopy was most adorable facts explained by Dr. Diware.

The Principal of Bajaj College of Science, Wardha, Dr. Om Mahodaya emphasized on the importance of science and technology. He had made a point by illustrating a ancient story.

The webinar which was held using offline as well as zoom live platforms got overwhelming response from the college faculties and students. Total 200 participants were registered for the webinar. Dr. Sudhir R. Tiple, Convener conducted the proceedings. The guest introduction was given by Dr. Mangesh M. Yerpude, Asst. Prof. Department of Physics, while the concluding remarks were made by Dr. Sanjay H. Bagade, President IIC, BCS.

The more details of the webinar are as follows.

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.

President IIC: Dr. Sanjay H. Bagade

Convenor: Dr. Sudhir R. Tiple

Coordinator: Dr. Mangesh M. Yerpude

Member: Dr. G. V. Lakhotiya

Member: Mr. Rajendra G. Jadhav



Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha

Schedule

Science Day Celebration

National Webinar on

“Raman Techniques in Science and Technology”

SN	Event	Time
1.	Welcome Address	11:00 AM - 11:02 AM
2.	Principals Address to Gathering	11:02 AM - 11:08 AM
3.	Introduction of Guest	11:08 AM - 11:10 AM
4.	Guest Lecture by Dr Mangesh Diware	11:10 AM – 12:10 PM
5.	Question Answer Session	12:10 PM – 12:18 PM
6.	Vote of Thanks	12:18 PM – 12:20 PM




Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha



Shiksha Mandal, Wardha's

Bajaj College of Science, Wardha

NAAC Reaccredited 'A' Grade Institution

An Autonomous Institution Affiliated to The RTM Nagpur University, Nagpur



INSTITUTION'S
INNOVATION
COUNCIL
Initiative of IIT Bombay

National Science Day Celebration

Department of Physics in association with Institution's Innovation Council

Organizing Webinar on

Raman Techniques in Science and Technology

Date: 28th February, 2022

Time: 11:00 am



Dr. Mangesh Diware

Research Associate,

Department of Physics and Astronomy

Seoul National University, Seoul, South Korea

Free Registration

Registration Link:

<https://forms.gle/kDV7AofMkzQtHa2H9>



Chairman
Dr. Om Mahodaya
Principal,
BCS, Wardha, MS.

President IIC
Dr. S. H. Bagade
Head, Dept. of Physics
BCS, Wardha, MS.

Convener
Dr. S. R. Tiple
IIC-Startup Coordinator,
BCS, Wardha, MS.

Co-ordinator
Dr. M. M. Yerpude
Dept. of Physics,
BCS, Wardha, MS.



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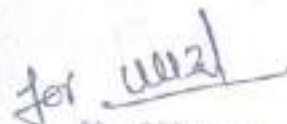
About the College: <http://jbsw.shikshamandal.org> Contact us: +91 9766499841, iic.bcsww@gmail.com





**Inauguration of Microbiology Biotechnology Society Student Unit
for the session 2021-22**

The Microbiology Biotechnology Society Student Unit for the session 2020-21 has been inaugurated online on Tuesday, 1st February 2022 at 12.30 pm. The programme was chaired by Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha who delivered the presidential speech. The inauguration was done on the hands of Dr. A. M. Deshmukh, President, Microbiologist Society, India (MSI). The introductory speech was delivered by Dr. Mrs. S. S. Khandare, HOD, Department of Microbiology. She explained the background of the programme and introduced the office bearers of the Microbiology Biotechnology Society Student unit for the session 2021-22. The guest of honour was Dr. Sanjeev Patankar, Ex Principal, SS Jaiswal College, Arjunimor, Dist. Gondia and President, MSI, Maharashtra and Goa region who addressed the students about the role of students in student unit. On this Occasion Dr. Rahul Bhoyar, Project Scientist, CSIR Institute of Genomics and Integrative Biology, New Delhi delivered a guest lecture on the topic "Next generation sequencing : A vital Tool in disease diagnosis and Pandemic Management" Total 110 undergraduate and Postgraduate students along with Microbiology and Biotechnology faculty members were present for the programme. The comparing of the programme was done by Dr. Bhavana Mohite. The question answer session was nicely conducted by Dr. Kunal Kale. The vote of thanks was given by Dr. Ulka Malode-Bidwai, Coordinator, Biotechnology Department and Microbiology Biotechnology Society Student Unit.


HOD / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

Recording You are viewing BCS Wardha's screen View Options View

The main presentation slide displays the following text:

Dr. BCS Wardha
Dejaj College of Science, Wardha (Autonomous)
 IN COLLABORATION WITH MICROBIOLOGIST SOCIETY INDIA (MSI)
 In collaboration with
Microbiology-Biotechnology Society
Student Unit Inauguration
 &
Guest Lecture on
"Next-generation Sequencing: A vital tool in Disease Diagnosis and Pandemic Management"
1st February 2022
Welcomes You

Participant thumbnails on the right include:

- Akshit Chavhan
- ulka malode
- Sahas Khandare
- Mansi selghare
- Mansi selgham

Bottom toolbar: Unmute, Start Video, Participants (91), Share Screen, Reactions, Apps, More, Leave

Zoom Meeting Recording

The main presentation slide displays the following text:

Dr. BCS Wardha
Dejaj College of Science, Wardha (Autonomous)
 IN COLLABORATION WITH MICROBIOLOGIST SOCIETY INDIA (MSI)
 In collaboration with
Microbiology-Biotechnology Society
Student Unit Inauguration
 &
Guest Lecture on
"Next-generation Sequencing: A vital tool in Disease Diagnosis and Pandemic Management"
1st February 2022
Welcomes You

Participant thumbnails on the right include:

- Dr. Chavana Mohite
- ulka malode
- Sahas Khandare
- Dr. Om Mahodays

Windows taskbar at the bottom shows the time as 12:39 PM.

Zoom Meeting You are viewing BCS Wardha's screen View Options

Recording View

The presentation slide, titled "Rajawade College of Science, Wardha (Autonomous)", is displayed in the center. It features logos of the college and the Ministry of Health and Family Welfare, Maharashtra. The slide text includes "Mentoring: Microbiology Society Student Unit Inauguration & Guest Lecture on", "Next-generation Sequencing: A vital tool in Disease Diagnosis and Pandemic Management", "17 February 2022", and "Welcomes You".

Participants (from top to bottom):

- Dr. Om Mahodaya
- ulka malode
- sanjeev patankar
- Dr. Shweta Mohite

Zoom Meeting Controls:

- Unmute
- Start Video
- Participants (114)
- Share Screen
- Reactions
- Apps
- More
- Leave

System Tray: 12:49 PM

Zoom Meeting You are viewing BCS Wardha's screen View Options

Recording View

The presentation slide is identical to the one in the first screenshot, displaying the college's welcome message for the inauguration and guest lecture.

Participant:

- Dr. Arvind Dashmukh

Zoom Meeting Controls:

- Unmute
- Start Video
- Participants (111)
- Share Screen
- Reactions
- Apps
- More
- Leave

System Tray: 12:50 PM

Microbiology-Biotechnology Society
Student Unit Inauguration 2021-22



President
Ms. Rakshanda Pathan
(B.Sc. 10th Year-Sem III)



Secretary
Ms. Mushtika Nirmalkar
(B.Sc. 10th Year-Sem VI)



Treasurer
Ms. Swarna Nagar
(B.Sc. 10th Year-Sem VI)



Arvind Deshmukh

Zoom Meeting

Recording

Guest of Honor



Dr. Sanjeev Patankar

President, Microbiologist Society, India - Maharashtra & Goa Region
Ex-Principal, St. John's College, Arjunimoo, Dist. Gondia



sanjeev patankar




12:55 PM


Zoom Meeting

Recording

Guest of Honour



Dr. Sanjeev Patankar
President, Microbiologist Society, India , Maharashtra & Goa Region
Ex-Principal, SS Jalwal College, Arjunwadi, Dist. Gondia



sanjeev patankar

12:56 PM

Zoom Meeting

Recording

Speaker

Next-generation Sequencing: A vital tool in Disease Diagnosis and Pandemic Management



Dr. Rahul C. Bhoir
Project Scientist,
ICIR, Institute of Genomics and Integrative Biology, New Delhi, India

Research Projects:
Project Scientist: CSIR, Institute of Genomics and Integrative Biology, New Delhi, India (2011-Present)
Project Associate: CSIR, Institute of Genomics and Integrative Biology, New Delhi, India (2016-2020)
Research Fellow: Dept. of Zoology, BVM Nagpur University, Nagpur, India (2003-2017)

Research Publications: 29

Awards:
Best oral presentation, International Conference on Breakthrough in Technology and Human Health, Jang University, Gwangju, India (2019)
Best oral presentation, Household Rearing in Comparative Endocrinology and Physiology, BVM Nagpur University, Nagpur, India (2019)
Research Grants: Institutionally Supervised Doctoral Degree (DAAD), (2010)
Awarded with the membership as Early Career Scientist for the ICGE Journals by Society for Experimental Biology, London (2015-2016)



Dr. Shweta Mohite

1:03 PM

Zoom Meeting

Recording



Next-Generation Sequencing: A Vital tool in Disease Diagnosis and Pandemic Management

Dr. Rahul K. Bhojari
Project Scientist
ICAR Institute of Genomics & Integrative Biology (IGIB)



Rahul Bhojari



1:04 PM

Zoom Meeting

Recording

Nucleic acid Sequencing

Process of establishing the nucleic acid sequence in a precise manner




Rahul Bhojari

1:06 PM

Zoom Meeting

Recording

SARS-CoV-2 : a novel coronavirus strain



- Contains a region for the peptidase
- 28,000 nucleotide long single stranded RNA virus
- 70% identical with SARS-CoV (2012 SARS Epidemic)
- 100% identical with MERS-CoV
- Similar to coronaviruses previously identified in bats

Dr. Rahul Bhojari

1:38 PM

Zoom Meeting

Recording

Sequencing the Causative Organism

A new coronavirus associated with human respiratory disease in China
Wu et al. Science, 7 Feb 2020



41-year-old male
Worker at Italian Slaughter plant

Breathalyzer
Sample Build

Metagenomic
RNA sequencing

Shanghai Public Health Clinical Center

Dr. Rahul Bhojari

1:41 PM

Zoom Meeting You are viewing Rahul Bhojar's screen View Options

Recording View

Asymptomatic Reinfection in 2 Healthcare Workers From India With Genetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2

Shree Gopinath¹, Rahul C. Bhojar², Shrinivas Das³, S. Jayashree Subramanyam⁴, Rajeshwari Subramanyam⁵, Mohanraj Venkatesh⁶, Santosh⁷, M. S. Mohan Kumar Choudhary⁸, Jyoti Shrivastava⁹, Pooja Singh¹⁰, Gagan Prasad¹¹, Subramanyam¹², Vikram Singh¹³, Sankar Venkatesh¹⁴

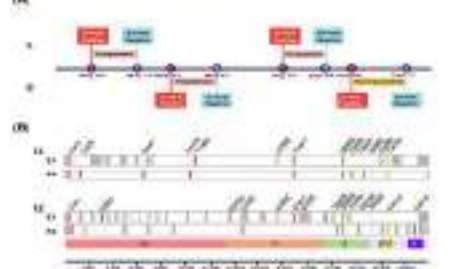


Figure showing genomic analysis of SARS-CoV-2 sequences. The top panel displays a phylogenetic tree with branches labeled 'A' and 'B'. The bottom panel shows a sequence alignment of the viral genome, with mutations highlighted in red and green. The alignment includes the ORF1, ORF2, ORF3, ORF4, ORF5, ORF6, ORF7, ORF8, ORF9, ORF10, ORF11, ORF12, ORF13, ORF14, ORF15, ORF16, ORF17, ORF18, ORF19, ORF20, ORF21, ORF22, ORF23, ORF24, ORF25, ORF26, ORF27, ORF28, ORF29, ORF30, ORF31, ORF32, ORF33, ORF34, ORF35, ORF36, ORF37, ORF38, ORF39, ORF40, ORF41, ORF42, ORF43, ORF44, ORF45, ORF46, ORF47, ORF48, ORF49, ORF50, ORF51, ORF52, ORF53, ORF54, ORF55, ORF56, ORF57, ORF58, ORF59, ORF60, ORF61, ORF62, ORF63, ORF64, ORF65, ORF66, ORF67, ORF68, ORF69, ORF70, ORF71, ORF72, ORF73, ORF74, ORF75, ORF76, ORF77, ORF78, ORF79, ORF80, ORF81, ORF82, ORF83, ORF84, ORF85, ORF86, ORF87, ORF88, ORF89, ORF90, ORF91, ORF92, ORF93, ORF94, ORF95, ORF96, ORF97, ORF98, ORF99, ORF100.

Rahul Bhojar

Unmute Start Video Participants 70 Share Screen Reactions Apps More Leave


1:40 PM

Zoom Meeting View

Rashmi yadav Vaishnavi Dalw...

Rashmi yadav Vaishnavi Dalw...

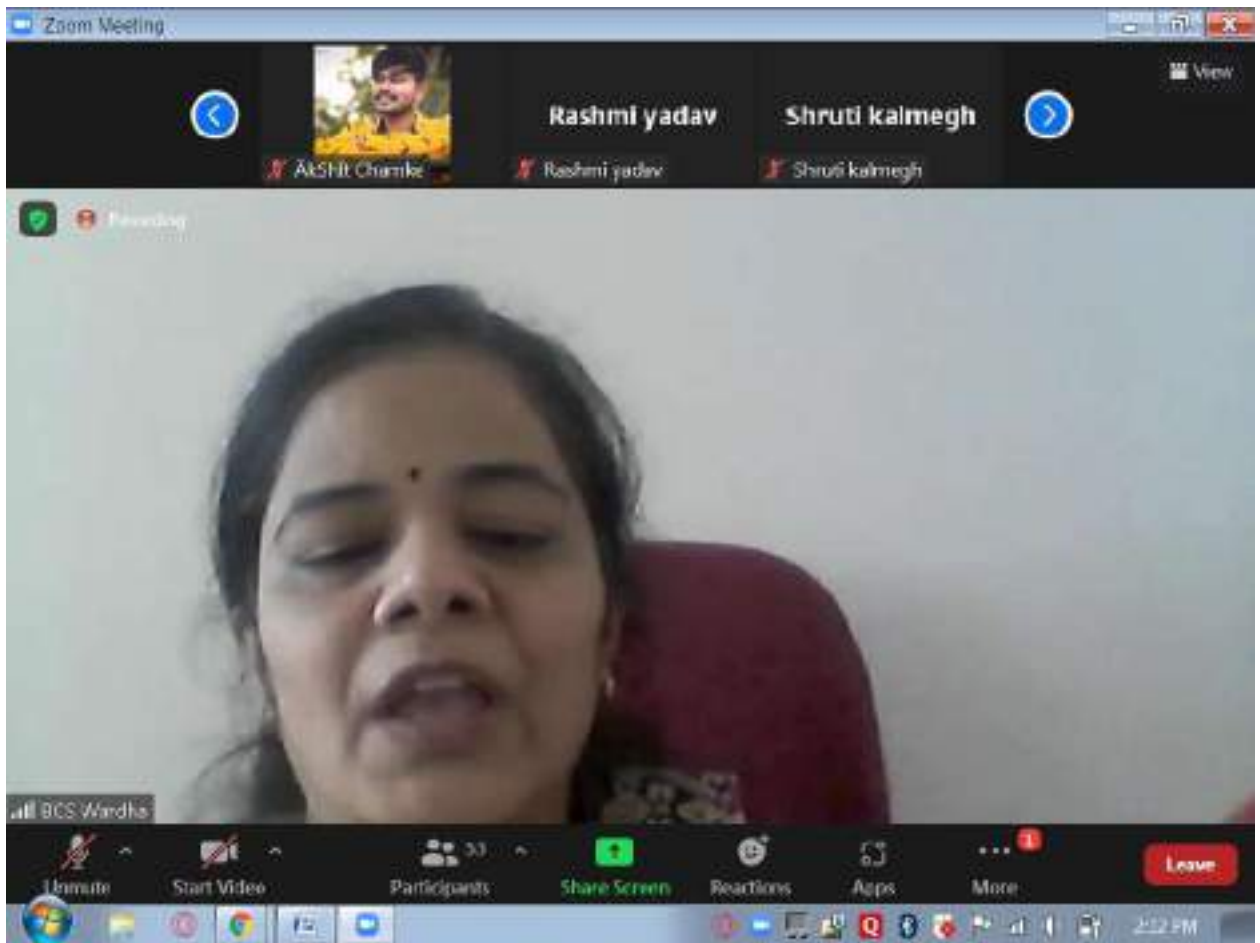
Recording



BGS Wardha

Unmute Start Video Participants 54 Share Screen Reactions Apps More Leave

2:11 PM





The screenshot displays a Zoom meeting in progress. The main window shows a grid of 20 participants, each with a video feed and a name. The participants are arranged in a 4x5 grid. The chat window on the right shows a conversation with messages from 'Shreya Dattatraya to Everyone' and 'Shreya Dattatraya to Everyone'. The Windows taskbar at the bottom shows various application icons, including the Start button, File Explorer, and the Zoom application.

Dr. Mrs. N. P. Mohabansi
Convener, ITC.



Shiksha Mandal's

BAJAJ COLLEGE OF SCIENCE, WARDHA

An Autonomous College affiliated to RTM Nagpur University, Nagpur

NAAC Reaccredited "A" (CGPA 3.21) | CPE (Phase II)



In association with :

Institution's Innovation Council, Bajaj College of Science, Wardha

Pre-incubation for new ideas via guidance session on job placement

Friday 21 January 2022

10.00 am - 11.30 am



[CLICK HERE](#)

Meeting Id: 946 1116 1738

Password: 762552



Youtube

[Bajaj College of Science Wardha - YouTube](#)

Resource person

Stephen Dinakaran

Academic Interface Program
Human Resources
Tata Consultancy Services Ltd.,
Chennai, Tamil Nadu

Convenor
Dr. Om Mahodaya
Principal
Bajaj College of Science

Co-convenor
Dr. M.R. Chandrakar
IQAC Co-ordinator
Bajaj College of Science

Organized by
Training and Placement Committee
Bajaj College of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

A Report on Online
Motivational Talk by Successful Innovator: Dr. Rahul Suryawanshi

The online Motivational Talk by Successful Innovator was jointly organized by Department of Microbiology and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha on Tuesday 14th December 2021. The speaker of the event was Dr. Rahul Suryawanshi, Research Scientist, Gladstone Virology Institute, San Francisco, California, United States.

The event got good response from the UG and PG students of various institutes as well as college faculties. Total 243 participants were registered for this programme and 169 participants attended the programme. The comparing of the programme was carried out by Dr. B V. Mohite, Co-ordinator of the programme. The introductory remark and background of the programme was given by Dr. Mrs. S. S. Khandare, Convener of the programme and Head, Department of Microbiology. Dr. Om Mahodaya, Principal, Bajaj College of Science has delivered the keynote address. Guest introduction was given by Dr. B. V. Mohite. The question and answer session was conducted by Dr. U.A. Malode. Vote of thanks was delivered by Mr. M. G. Ingale.

The more details of the webinar are as follows.

Topic: Motivational Talk by Successful Innovator

Date and Time: 14th December 2020; 11.00 -12.00pm

Organizers: Department of Microbiology and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha

Distinguished speaker:

Dr. Rahul Suryawanshi, Research Scientist, Gladstone Virology Institute, San Francisco, California, United States.

Event platform: Zoom and live streaming on you tube.

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science

Convener: Dr. Mrs. S. S. Khandare, Head, Department of Microbiology

President IIC: Dr. S. H. Bagade

Convener IIC: Dr. Mrs. N. P. Mohbansi

Co-ordinator: Dr. B. V. Mohite

Member: Dr. M. M. Yerpude

Member: Dr. A. A. Maheshwari

Member: Dr. A. V. Nakhate

Member: Mr. M. G. Ingale

Member: Mr. P. B. Bhoyar

Glimpses of the Event

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide from Bajaj College of Science, Shiksha Mandal's C Reaccredited 'A' Grade Institution. The slide is for a "Motivational Talk by Successful" resource person, Dr. Rahul Suryawanshi, a Research Scientist at Gladstone University, San Francisco, California, United States. The event is dated 14th December, 2021, at 11:00 am. The slide also lists the organizing committee members: Co-ordinator Dr. B. V. Mohite, Convener IIC Dr. Mrs. N. P. Mohabansi, President IIC Dr. S. H. Bagade, and Principal Dr. O. A. Mahodaya. On the right side of the Zoom window, there is a grid of video feeds for participants, including Dr. Om Mahodaya, Mayur Ingale, Dr. S. S. Khandare, Dr. A. A. Maheshwari, Sunil Mali, and Rahul Suryawanshi.

Zoom Meeting

Mayur Ingale Dr. Bhavna Mohite Sunil koli Trikal sukare

Recording LIVE on YouTube

all Suhel Khandare

Participants (120)

Find a participant

- MI Mayur Ingale (Co-host, mkt)
- DI Dr. A. A. Maheshwari (Host)
- DB Dr. Bhavna Mohite (Co-host)
- SK Suhel Khandare (Co-host)
- DD Dr. Om Mahodaya (Co-host)
- RS Rahul Suryawanshi (Co-host)
- AD Aashish Kodke
- AK Aasma Khan
- AG Akhwarpa Gautam
- AP Akhwarpa Pawan
- AB Abhi Nakhat
- AT Aniket Thakre
- AT Ajarna Thakur
- AS Arpita Surser

11:08 AM 12/14/2021

Zoom Meeting

Mayur Ingale Dr. Bhavna Mo... Sunil koli Trikal sukare

Recording Remote Spotlight LIVE on YouTube

all Suhel Khandare

Participants (125)

Find a participant

- MI Mayur Ingale (Co-host, mkt)
- DI Dr. A. A. Maheshwari (Host)
- SK Suhel Khandare (Co-host)
- DD Dr. Om Mahodaya (Co-host)
- DB Dr. Bhavna Mohite (Co-host)
- RS Rahul Suryawanshi (Co-host)
- AD Aashish Kodke
- AK Aasma Khan
- AG Akhwarpa Gautam
- AP Akhwarpa Pawan
- AB Abhi Nakhat
- AT Aniket Thakre
- AT Ajarna Thakur
- AS Arpita Surser

11:09 AM 12/14/2021

Zoom Meeting

Participants (130)

Search a participant

MI Mayur Ingale (Co-host, Mute)

DI Dr. A. A. Maheshwari (Host)

SD Suhail Khandare (Co-host)

DD Dr. Om Mahodaya (Co-host)

RS Rahul Suryawanshi (Co-host)

AD Aashish Kulkarni

AK Aasma Khan

AG Akhwarja Gautam

AP Akhwarja Pawan

AK Ashish Kulkarni

AT Aniket Thube

AT Aparna Thakur

AS Arpita Sarkar

AA Ashish Ashish

Unmute Start Video Security Participants Chat Share Screen Record Touchscreen Leave

11:33 AM 12/14/2021

Zoom Meeting

Participants (142)

Search a participant

MI Mayur Ingale (Co-host, Mute)

DI Dr. A. A. Maheshwari (Host)

SD Suhail Khandare (Co-host)

DD Dr. Om Mahodaya (Co-host)

RS Rahul Suryawanshi (Co-host)

AD Dr. Bhavana Mohite

AK Aashish Kulkarni

AK Aasma Khan

AG Akhwarja Gautam

AP Akhwarja Pawan

AK Ashish Kulkarni

AT Aniket Thube

AS Arpita Sarkar

AA Ashish Ashish

Unmute Start Video Security Participants Chat Share Screen Record Touchscreen Leave

11:32 AM 12/14/2021

Zoom Meeting

Participants (143)

Search participants

MI Mayur Ingale (Co-host, Mute)

DI Dr. A. A. Maheshwari (Host)

DO Dr. On. Mahodaya (Co-host)

SH Subas Khandare (Co-host)

RS Rahul Suryawanshi (Co-host)

DB Dr. Shavana Mohita

AD Aadil Kodke

AK Aasma Khan

AG Akharya Gautam

AP Akharya Pawan

AN Anil Nakate

AT Aniket Thakre

AJ Anika Jambhe

AT Aparna Thakur

Unmute Start Video Security Participants Chat Share Screen Record Touch Bar Leave

Dr. On. Mahodaya

11:14 AM 12/14/2021

Zoom Meeting

Participants (144)

Search participants

MI Mayur Ingale (Co-host, Mute)

DI Dr. A. A. Maheshwari (Host)

DO Dr. On. Mahodaya (Co-host)

SH Subas Khandare (Co-host)

RS Rahul Suryawanshi (Co-host)

DB Dr. Shavana Mohita

AD Aadil Kodke

AK Aasma Khan

AG Akharya Gautam

AP Akharya Pawan

AN Anil Nakate

AT Aniket Thakre

AJ Anika Jambhe

AT Aparna Thakur

Unmute Start Video Security Participants Chat Share Screen Record Touch Bar Leave

Dr. On. Mahodaya

11:14 AM 12/14/2021

Zoom Meeting

Participants (143)

Search a participant

MI Mayor Ingale (Co-host, me)

DI Dr. A. A. Maheshwari (host)

DO Dr. On. Mahodaya (Co-host)

SK Subas Khandare (Co-host)

RS Rahul Suryawanshi (Co-host)

LI Aashli Kadke

AK Asma Khan

AG Akhwarja gadam

AW Akhwarja Pawar

AS ASH Nakhate

AT Aniket Thube

AI Anika jurele

AT Aparna Thakur

AS Arpita Surser

Invite

11:15 AM
12/14/2021

Unmute Start Video Security Participants Chat Leave

Dr. On. Mahodaya

Zoom Meeting

Participants (143)

Search a participant

MI Mayor Ingale (Co-host, me)

DI Dr. A. A. Maheshwari (host)

DO Dr. On. Mahodaya (Co-host)

SK Subas Khandare (Co-host)

RS Rahul Suryawanshi (Co-host)

DI Dr. Bhavana Mohite

LI Aashli Kadke

AK Asma Khan

AG Akhwarja gadam

AW Akhwarja Pawar

AS ASH Nakhate

AT Aniket Thube

AI Anika jurele

AT Aparna Thakur

Invite

11:19 AM
12/14/2021

Unmute Start Video Security Participants Chat Leave

Dr. On. Mahodaya

PowerPoint Slide Show - (Motivational talk)

Speaker



Dr. Rahul Suryawanshi
 Research Scientist, Gladstone University, San Francisco
 California, United States

Msc. Ph. D. (Biotechnology)

Area of Interest: Host-virus Interaction, Animal studies, Metabolomics, Metagenomics, Microbial pigment

Dr. Om Mahodaya

Mayur Ingale

Dr. Om Mahodaya

11:39 AM
12/14/2021

PowerPoint Slide Show - (Motivational talk)

Guest Speaker



Dr. Rahul K. Suryawanshi

Work Experience:

- Research scientist – Gladstone Institutes
- Post-doctoral Associate – University of Illinois @ Chicago
- Postdoctoral Associate, Erasmus Mundus Fellow, University of Perpignan
- Senior Research Fellow – North Maharashtra University
- Junior Research Fellow – North Maharashtra University
- Laboratory Technician – National Aids Research Institute, ICMR
- Research Associate – Simbiosys Biowares Now Lonza Biotech

Research Funding:

- ISPB grant, SERB National Postdoctoral grant

Research Publications: 55

Honors & awards:

- Gladstone Institute of virology Award of Excellence 2021
- Kreithman post-doctoral research award – Ben-Gurion University of Negev, Israel.
- Erasmus Mundus (EUPHRATES) Fellowship – European Union
- JRF & SRF, CSIR, New Delhi, India
- International Travel Grant, ICMR, New Delhi, India
- Biotech industrial training – Biotech Consortium India Ltd, Government of India.

Dr. Om Mahodaya

Mayur Ingale

Dr. Om Mahodaya

11:39 AM
12/14/2021

Zoom Meeting | You are viewing Rahul Suryawanshi's screen | View Options | Mon 9:53 PM

Home | Insert | Draw | Design | Transitions | Animations | Slide Show

The shared content is fit to your screen. To see the original size, click "Original size" in the menu.

Motivation talk

Rahul Suryawanshi

Jointly Organized by
Department of Microbiology & Institution's Innovation Council (IIC)
Shiksha Mandal's Bajaj College of Science, Wardha

Click to add video

Participants: Rahul Suryawanshi, Mayur Ingale, Dr. Bhavana Mohite, Suhel Khadare

Unmute | Start Video | Security | Participants | Chat | Share Screen | Record | Reactions | Leave

Zoom Meeting | You are viewing Rahul Suryawanshi's screen | View Options | 11:23 AM 12/14/2021

Participants (159)

Search a participant

- Mayur Ingale (Co-host, m)
- Dr. A. A. Maheshwari (Host)
- Rahul Suryawanshi (Co-host)
- Dr. Oni Mahodaya (Co-host)
- Suhel Khadare (Co-host)
- aashat hadke
- Aasma Khan
- Ashwarya Chakraborty
- Ashwarya Gaudam
- Ashwarya Pawar
- Ashwarya Umale
- Athi Nakhate
- Anshul Thakur
- Aparna Thakur

Motivation is the process that initiates, guides, and maintains goal-oriented behaviors

Motivation is a fire from within. If someone else tries to light that fire under you, chances are it will burn very briefly.
- Stephen R. Covey

Unmute | Start Video | Security | Participants | Chat | Share Screen | Record | Reactions | Leave

Zoom Meeting You are viewing Rahul Suryawanshi's screen View Options

Recording **LIVE** on YouTube

Participants: Mayur Ingale, Dr. Bhavana Mo..., Dr. Sonia Sharma

Who am I?

THE OTT LAB
Madhane Institute of Virology

About Us Areas of Research Publications Ott Lab News Contact Us

Welcome! | स्वागत हे

Welcome to the Ott Lab. We research the viruses of today

Unmute Start Video Security Participants Chat **Share Screen** Record Search

Participants (160)

Find a participant

- MI Mayur Ingale (Co-host, Mute)
- DI Dr. A. A. Maheshwari (Host)
- RS Rahul Suryawanshi (Co-host)
- DD Dr. Om Mahodaya (Co-host)
- SK Sukesh Khandare (Co-host)

Invite **Mute All**

Chat

Post to Everyone

Audio quality is good sir., problem is your end. Sir ji

Good morning. All

Without see your messages? Recording On

To: Waiting Room Participants

Type message here...

11:27 AM 12/14/2021

Zoom Meeting You are viewing Rahul Suryawanshi's screen View Options

Recording **LIVE** on YouTube

Participants: Mayur Ingale, Dr. Bhavana Mo..., Dr. Sonia Sharma

Who am I?

THE OTT LAB
Madhane Institute of Virology

About Us Areas of Research Publications Ott Lab News Contact Us

Welcome! | स्वागत हे

Welcome to the Ott Lab. We research the viruses of today

Unmute Start Video Security Participants Chat **Share Screen** Record Search

Participants (158)

Find a participant

- MI Mayur Ingale (Co-host, Mute)
- DI Dr. A. A. Maheshwari (Host)
- RS Rahul Suryawanshi (Co-host)
- DD Dr. Om Mahodaya (Co-host)
- SK Sukesh Khandare (Co-host)
- aa aamal hadke
- AA Aasma Khan
- AC Akhworthy Choudhary
- AG Akhworthy Gaudhary
- AP Akhworthy Pawar
- AU Akhworthy Umate
- AK Akhworthy Khatke
- AT Arunak Thakur
- AT Aparna Thakur

Invite **Mute All**

11:27 AM 12/14/2021

Zoom Meeting You are viewing Rahul Suryawanshi's screen View Options

Recording **LIVE** on YouTube

Participants (158)

MI Mayur Ingale (Co-host, Mute) Dr. A. A. Maheshwari (Host) RS Rahul Suryawanshi (Co-host) DD Dr. Oni Mahodaya (Co-host) Suresh Khandare (Co-host) aashal hadke Aashma Khan AC Akhworthy Chavade AG Akhworthy Gaudani AP Akhworthy Pawar AU Akhworthy Umate ANH Nandhate AT Anant Thakur AT Aparna Thakur

What I do?

SARS-CoV-2

High Co-transmission

High Replication

Cell culture

Gamma

Delta

Epsilon

Lambda

Omicron

Alpha

Beta

Animal research

Unmute Start Video Security Participants Chat Share Screen Record TouchBar Leave

11:29 AM 12/14/2021

Zoom Meeting You are viewing Rahul Suryawanshi's screen View Options

Recording **LIVE** on YouTube

Participants (159)

MI Mayur Ingale (Co-host, Mute) Dr. A. A. Maheshwari (Host) RS Rahul Suryawanshi (Co-host) DD Dr. Oni Mahodaya (Co-host) Suresh Khandare (Co-host) aashal hadke Aashma Khan AC Akhworthy Chavade AG Akhworthy Gaudani AP Akhworthy Pawar AU Akhworthy Umate ANH Nandhate AT Anant Thakur AD Arati Deshpande

Tech park

Meta

Apple Park

GILEAD

Unmute Start Video Security Participants Chat Share Screen Record TouchBar Leave

11:34 AM 12/14/2021

Zoom Meeting You are viewing Rahul Suryawadhi's screen View Options

Recording LIVE on YouTube

Participants (159)

MI Mayur Ingale (Co-host, me)

Dr. A. A. Maheshwari (host)

RS Rahul Suryawadhi (Co-host)

DD Dr. Ovi Mahodaya (Co-host)

achal hadke

Aasma Khan

AC Akshwarya Charode

AD Akshwarya Gautam

AP Akshwarya Pawar

AU Akshwarya Umata

ABH Nakhate

AT Anket Thakre

AD anil dambhare

Arpita Surser

More All

Unmute Start Video Security Participants Chat Share Screen Record Reactions Leave

15:35 AM 12/14/2021

Zoom Meeting You are viewing Rahul Suryawadhi's screen View Options

Participants (143)

MI Mayur Ingale

Dr. A. A. Maheshwari

DD Dr. Ovi Mahodaya

achal hadke

Aasma Khan

AC Akshwarya Charode

AD Akshwarya Gautam

AP Akshwarya Pawar

AU Akshwarya Umata

ABH Nakhate

AT Anket Thakre

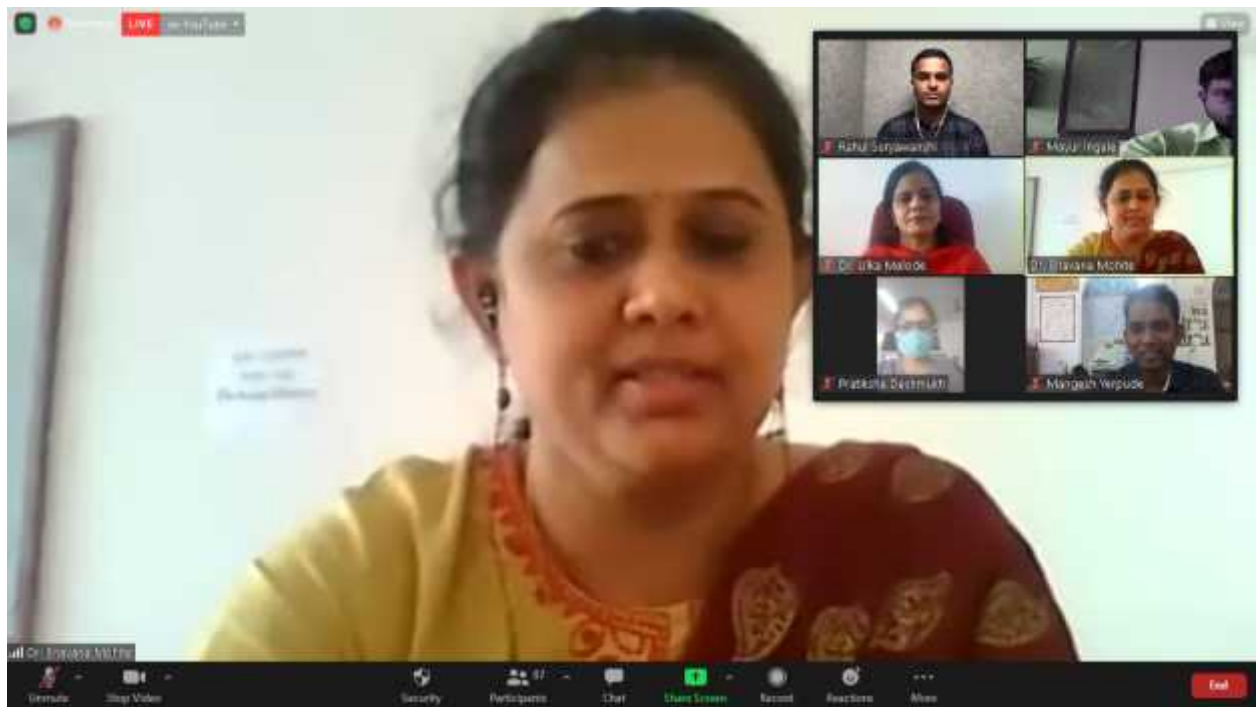
AD anil dambhare

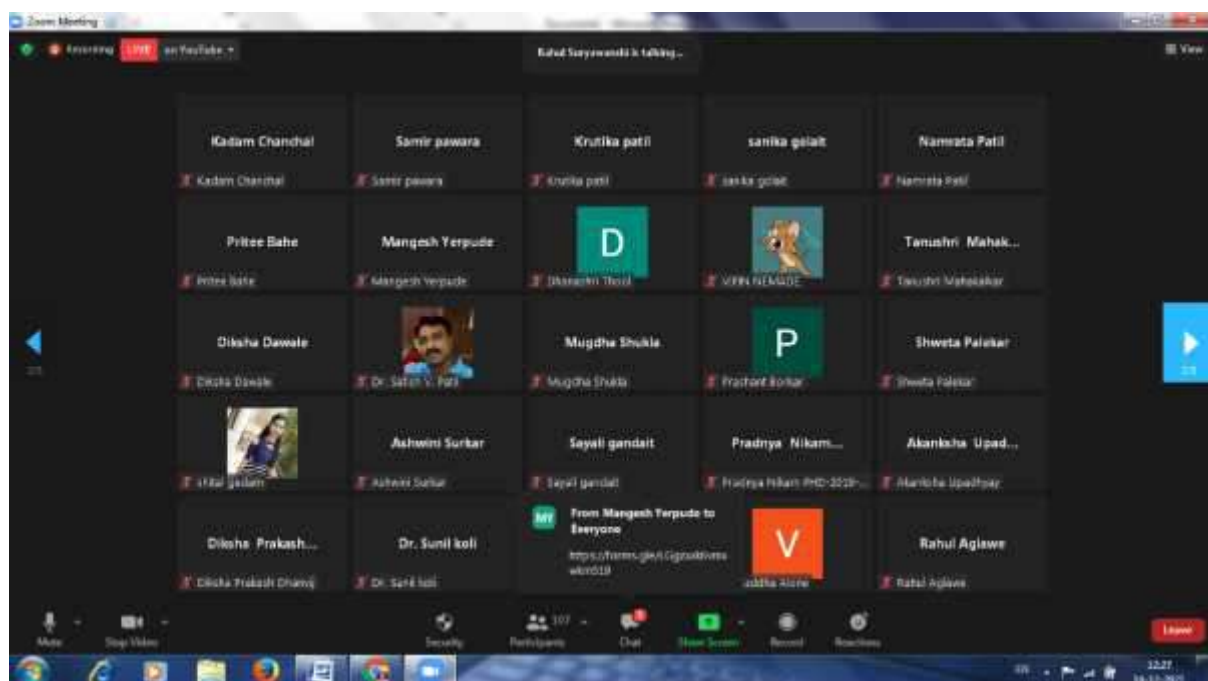
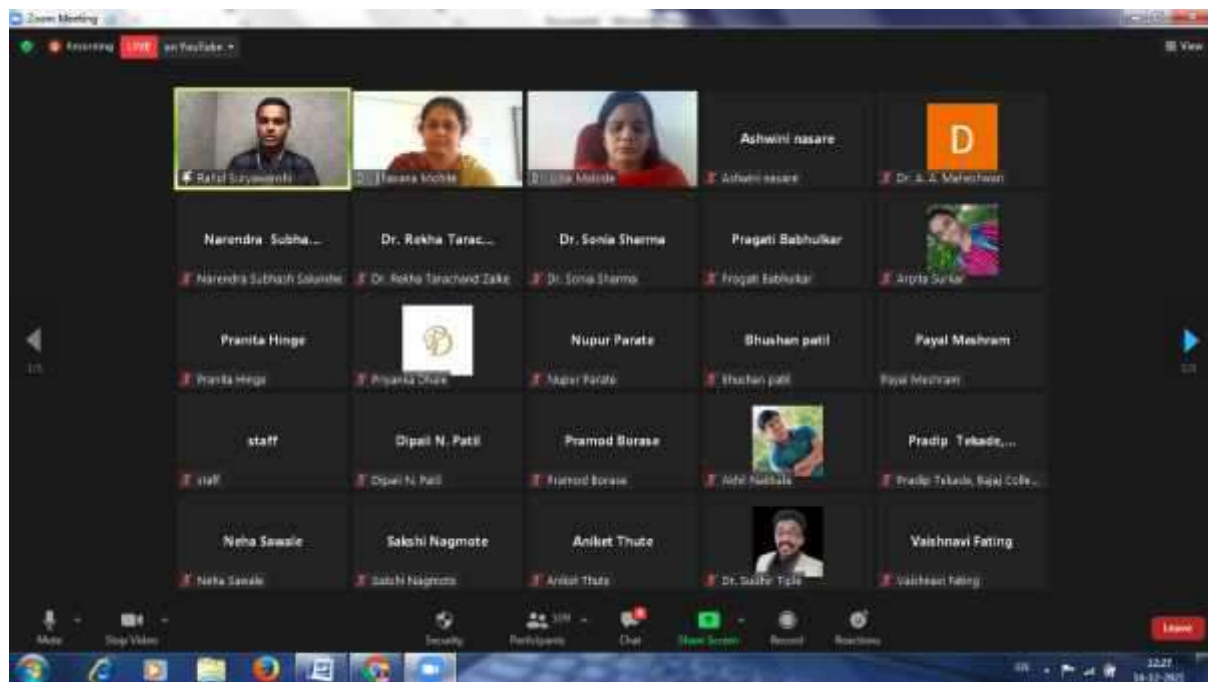
Arpita Surser

More All

Unmute Start Video Security Participants Chat Share Screen Record Reactions More End







Zoom Meeting

Participants: Ashwini nasare, Narendra Subha...

Chat

Shruti Kulkarni to Everyone 12:31 PM
which type of mutation occurs in omicron variant?

Ashutosh Thakre to Everyone 12:32 PM
why do all researchers choose to prefer experimentation on mouse other than any other animal?

Jayshree Bhat to Everyone 12:32 PM
Is omicron less lethal?

Kunlik Bhambhani to Everyone 12:31 PM
reconsidering, Covid19 dose it be more susceptible to the virus??

To: Everyone

Type message here...

12:31 18-12-2021

Zoom Meeting

Participants: Ashwini nasare, Narendra Subha...

Chat

Shruti Kulkarni to Everyone 12:31 PM
which type of mutation occurs in omicron variant?

Ashutosh Thakre to Everyone 12:32 PM
why do all researchers choose to prefer experimentation on mouse other than any other animal?

Jayshree Bhat to Everyone 12:32 PM
Is omicron less lethal?

Kunlik Bhambhani to Everyone 12:31 PM
reconsidering, Covid19 dose it be more susceptible to the virus??

Dr. Sandeep to Everyone
Dear Sir,

To: Everyone

Type message here...

12:36 18-12-2021

Zoom Meeting Recording LIVE on YouTube

Participants (Row 1): Subh Sarjankar, Dr. Bhawna Mishra, Usha Malhotra, Narendra Subhash Sakshe, Arpita Sunkari

Participants (Row 2): Dipali N. Patil, Abhi Nakhat, Krishna Gali, Rony Choudhary, Mangesh Yergude

Participants (Row 3): Dr. Sanyal, Anshu Singh, Shubhangi Farkar, Kishu Bhavani, Isha Gali

Participants (Row 4): Tanush Mahapatra, Ashwaja Gaudin, Prashant Kulkarni, Karishma Joshi, Pankaj Samal

Participants (Row 5): Shafiq Mandeel, Dineshwar Marmode, Jayashree, Dipak Khandarkar, VPSN SARMOD

Chat

Dr. Sanku to Everyone

what is your opinion on the co-infection of bacteria pathogens in covid patients?

Pratiksha Deshpande to Everyone

where did omicron get its name?

Rohini Karamore to Everyone

is omicron increasing in India?

Mayur Ingale to Everyone

You can give your feedback to following link

<https://forms.gle/GpexXbXmwwar519>

Who can see your messages? Recording On

To: Everyone

Type message here...

12:47 18-12-2020

Zoom Meeting Recording LIVE on YouTube

Dr. Bhawana Mishra is talking...

Participants (Row 1): VISHNU SANGDE, Komal Singh, Shweta Kumbhar, Dipali Singh, Arpita Sunkari

Participants (Row 2): Diksha Gaudin, Anshu Singh, Lakshmi, Shafiq Mandeel, Anurupa Patil

Participants (Row 3): Pratyakha Dnyanesh, Ashwaja Gaudin, Harshada Karajale, Rishi Agarkar, Isha Deshmukh

Participants (Row 4): Ashwaja Choudhary, Geetika, Isha Gali, Shubhangi Farkar, Karishma Joshi

Participants (Row 5): Smita Gali, Prashant Kulkarni, VPSN SARMOD, Karishma Joshi, Rishabharshi Shrivastava

Chat

Dr. Sanku to Everyone

what is your opinion on the co-infection of bacteria pathogens in covid patients?

Pratiksha Deshpande to Everyone

where did omicron get its name?

Rohini Karamore to Everyone

is omicron increasing in India?

Mayur Ingale to Everyone

You can give your feedback to following link

<https://forms.gle/GpexXbXmwwar519>

Who can see your messages? Recording On

To: Everyone

Type message here...

12:47 18-12-2020

Zoom Meeting

Recording **ON** on YouTube

Dr. Bhuvan Mohita is talking...

	Jayshree bahe			
	LENOVO			
	Pradip Tekade...			

Chat

Dr. Send ksh to Everyone

what is your opinion on the co-infection of bacteria pathogens in covid patients?

Prashita Deshmukh to Everyone

where did omicron get its name?

Rekha Karamore to Everyone

is omicron increasing in India?

Mayur tegale to Everyone

You can give your feedback to following link

<https://forms.gle/Gpexshfmmwv519>

Who can see your messages? Recording On

To: Everyone

Type message here...

Zoom Meeting

Recording **ON** on YouTube

View

Chat

Dr. Send ksh to Everyone

what is your opinion on the co-infection of bacteria pathogens in covid patients?

Prashita Deshmukh to Everyone

where did omicron get its name?

Rekha Karamore to Everyone

is omicron increasing in India?

Mayur tegale to Everyone

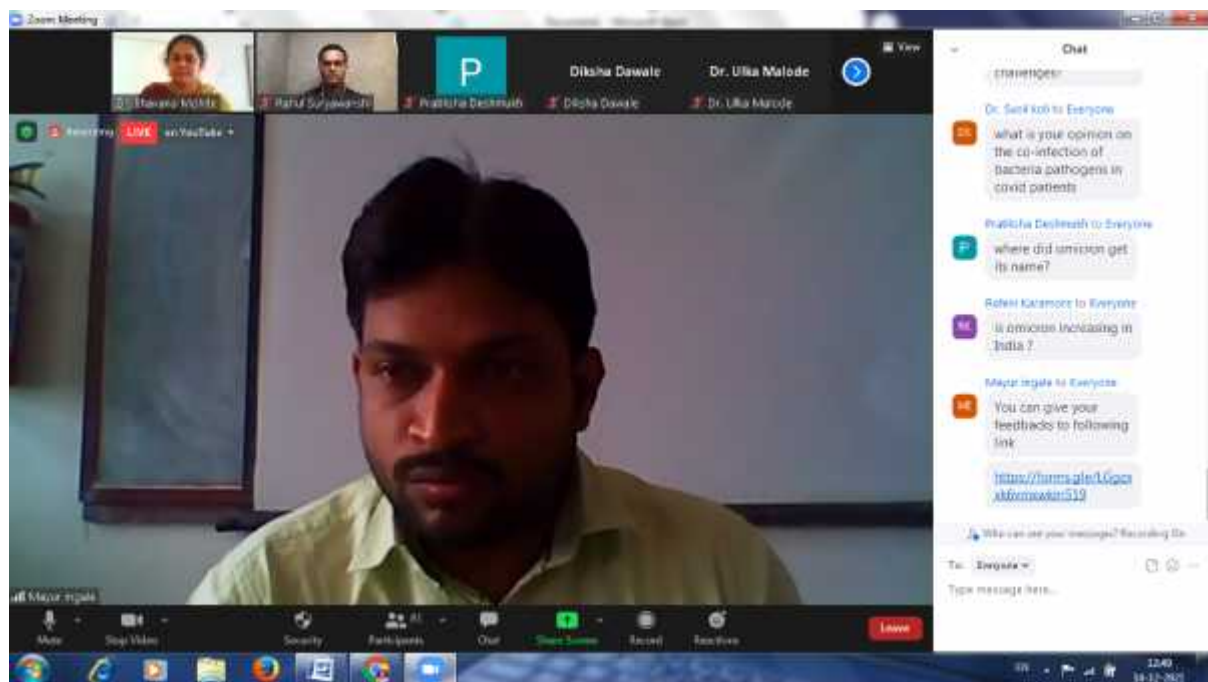
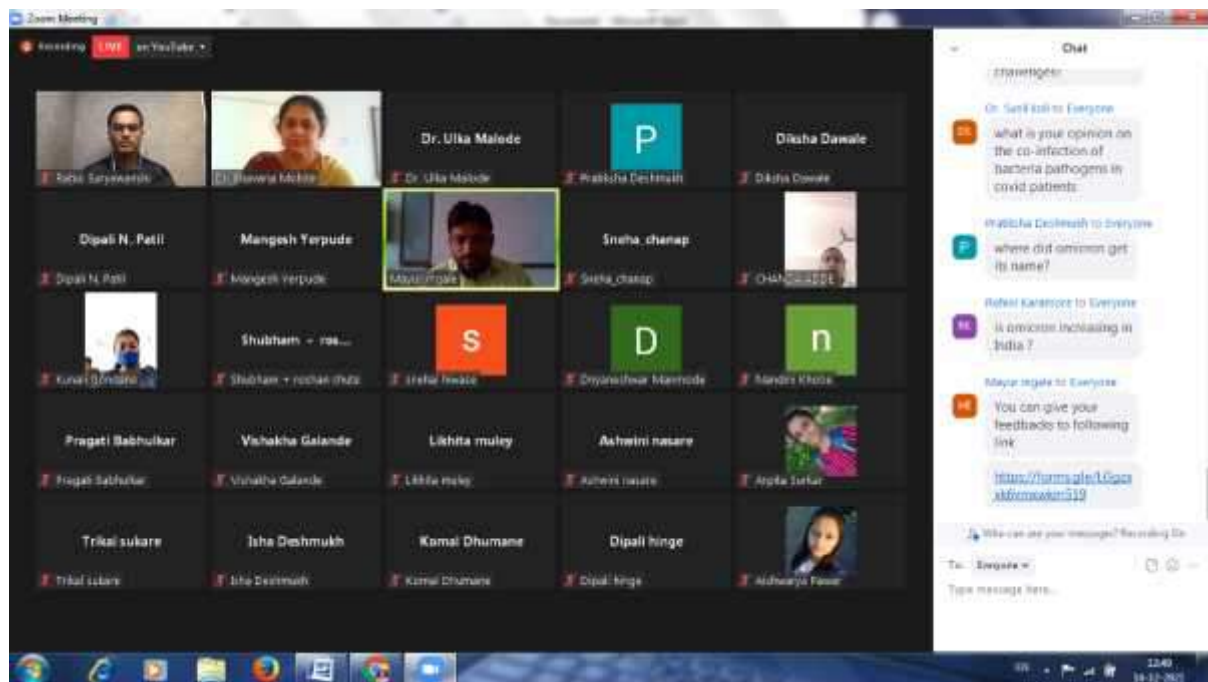
You can give your feedback to following link

<https://forms.gle/Gpexshfmmwv519>

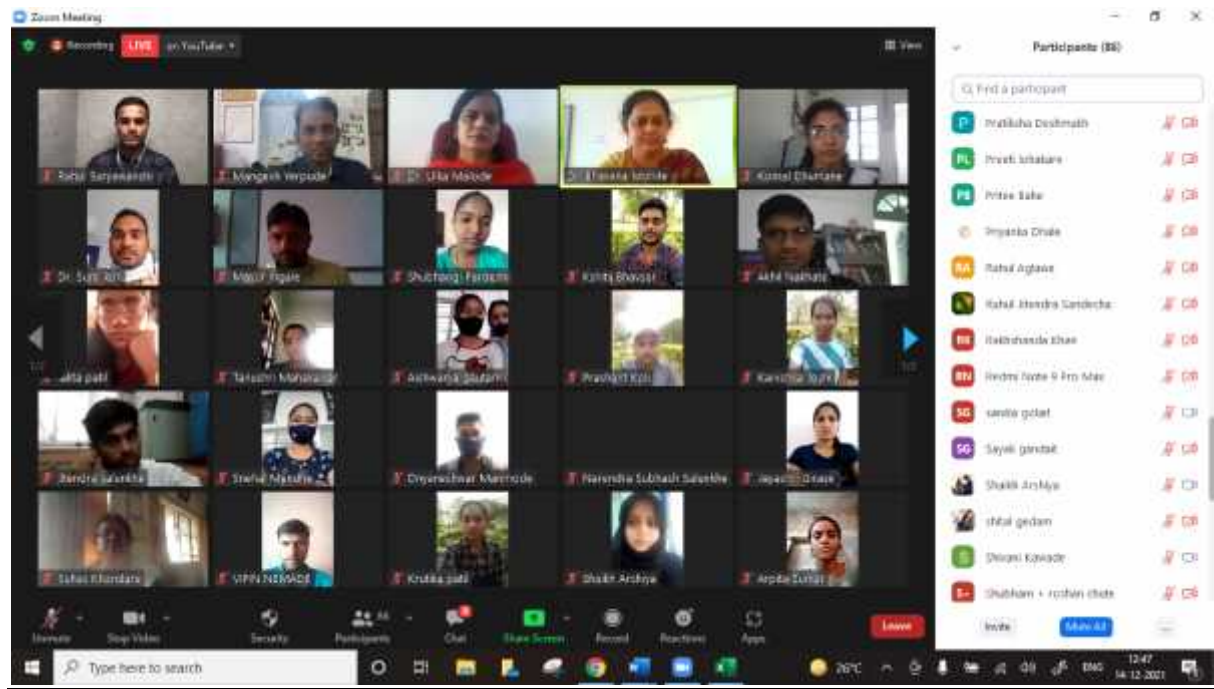
Who can see your messages? Recording On

To: Everyone

Type message here...



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**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**A Report of One Day National Level e-Awareness Program on
“Entrepreneurship and Startup”
held at Shiksha Mandals's Bajaj College of Science, Wardha.**

One Day National Level e-Awareness Program on topic “Entrepreneurship and Startup” was jointly organized by Institution's Innovation Council (IIC) of Bajaj college of Science, Wardha and Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Wardha on Wednesday 1st December 2021 from 2:00 pm to 3:00 pm. Mr. Ravikumar Kandasamy, Deputy Director, MGIRI-Wardha and Mr. H. D. Sinnur, Principal Scientific Officer, MGIRI-Wardha were the distinguished resource persons. Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function.

Mr. Ravikumar Kandasamy focused on start-up and entrepreneurship. He explained the role of ministry of micro, small and medium enterprises (MSME), Government of India for building entrepreneurship culture throughout the India in his thought provoking talk. Mr. H. D. Sinnur encouraged the participant by showing e-videos on different schemes launched by MSME for getting financial assistant for start-up and entrepreneurship, stories of successful entrepreneurs who benefitted by these schemes. Chairman of the workshop Principal Dr. Om Mahodaya enlightened the participants with his key-note address.

This offline awareness program held at Dr. Damale Library of College got overwhelming response from the college faculties, PG and UG students of college. More than 100 participants including staff and students were registered and attended the program.

Dr. (Mrs.) Ulka A. Malode conducted the proceedings and introduced the guests whereas Dr. D. D. Naik concluded the session by vote of thanks.

-----End of Report-----


Dr. P. V. Tekade
HOD, Principal
Bajaj College of Science
WARDHA



Shiksha Mandal's
Bajaj College of Science, Wardha
 An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur
 NAAC Reaccredited 'A' Grade Institution






**Institution's Innovation Council, BCS Wardha
 &
 Mahatma Gandhi Institute for Rural Industrialization (MGIRI),
 Wardha
 Jointly Organizes**

**One Day National Level e-Awareness Program
 on
 “Entrepreneurship and Startup”**

Date: 1st December, 2021 Time: 2:00-3:00 pm

Open Registration at College

Resource Person

- 1. Mr. Ravikumar Kandasamy**
Deputy Director, MGIRI-Wardha.
- 2. Shri. H.D.Sinnur**
Principal Scientific Officer
MGIRI-Wardha.

About the college:
<http://ibsw.shikshamandal.org>

About the Resource Person:
<http://www.mgiri.org/new/contact-us/>

Contact us at: **9323081346**
 Email: iic.bcsww@gmail.com

Principal
 Dr. Om A. Mahodaya
 BCS, Wardha.

President IIC
 Dr. S.H. Bagade
 BCS, Wardha.

Organizer
 Team IIC
 BCS, Wardha.

Note: E-certificates will be issued after attending the event and submitting feedback form.

Program Schedule

Time	Event
2:00 pm – 2:05 pm	Conduct/ Guest Introduction
2:05 pm – 2:25 pm	Session of Mr. Ravikumar Kandasamy
2:25 pm – 2:50 pm	Video Session by H. D. Sinnur
2:50 pm – 2:55 pm	Key Note address by Principal
2:55 pm – 3:00 pm	Queries and Concluding Remark

Glimpse of the Event



Motivational Talk on “Katta Model: Doing Research Differently”

Resource Person:

Prof. Milind Watve

Professor of Biology
IISER, Pune.

The motivation talk with discussion was organised by Bajaj College of Science, Wardha on 'Katta Model: Doing Research Differently' on 23rd November 2021 by Prof. Milind Watve, independent researcher and science populariser and former Professor of Biology, IISER, Pune. This session was first offline invited talk for undergraduate and postgraduate students of Bajaj College during this pandemic time. Recently, Bajaj College of Science have started its offline weekly academic and administrative activities in order to streamline academics and college work. In order to motivate critical thinking and enhancing learning process instead of rote learning, Bajaj College of Science under guidance and encouragement of Principal Dr. Om Mahodaya, this initiative was taken place to organise this offline event.

During this talk, the initial proceedings of the event was handled by Dr. D.D. Naik, Assistant Professor, Botany Department. The resource person Prof. Milind Watve was welcomed by Mr. Sanjay Bhargava, Chairman, Shiksha Mandal, Wardha. The gathering was briefed with the welcome address by Mr. Sanjay Bhargava where he pointed out the importance of curiosity driven research by addressing local problems and role of undergraduate and faculty in doing research. Dr. Naik introduced Professor Milind Watve and presented the outline of the programme.

Prof. Milind Watve initiated his speech with his childhood memories and his broad scientific and exhilarating experiences of his early academic tenure and the true motivation behind katta model of research. He talked many aspects of research and process of scientific thinking and how a simple research problem or query can be addressed with just informal chat and counter questioning with undergraduate students during weekly meetings. Prof. Watve explained how this katta model came into existence and persisted over his entire tenure with silly but rationalised questions or statements/hypothesis. Later, he ended up taking these topics of various discipline seriously and meticulously forming a scientific interdisciplinary project for undergraduates. Prof. Watve elaborated a simple research problem whether or not animals particularly birds understand or recognise geometry or not. No one in academic community had ever thought about this question before, but

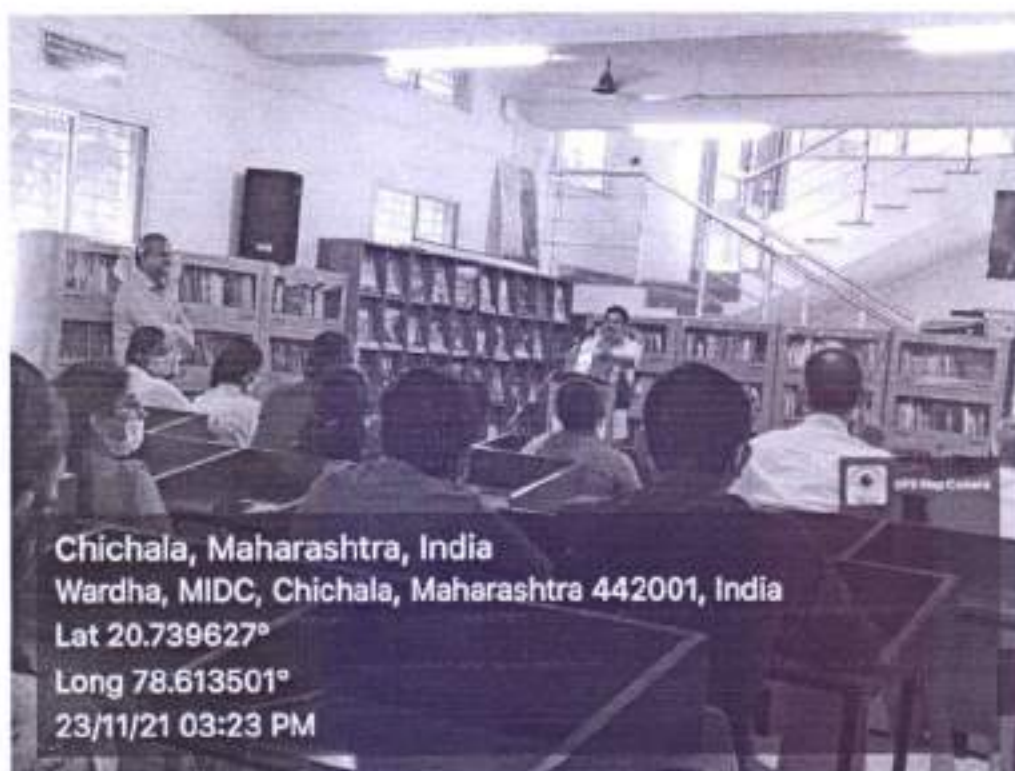


A handwritten signature in blue ink, appearing to be "Dr. Mrs. N. P. Mohabani".

Dr. Mrs. N. P. Mohabani
Convener JFC

this specific questions appeared later to be a good research problem. His group started thinking, many ideas came forward and the methodology of research was decided based on various possibilities of experimental designs in order to address the question rationally. That work was completed with the inference that the birds do understand geometry. The research work is submitted to prestigious journal and renowned scientist and reviewers appreciated this simple but thoughtful results. Another research problem which Prof. Watve shared is human wildlife conflict. He addressed this problem by first observing the recurrent economic loss due to heavy browsing of herbivores in agricultural lands around Tadoba forests. He used statistical and mathematical model to address economic loss and came up with an alternative approach to control economic loss and increased the profit. This model worked successfully by helping the farmers who are really in need of help and making the farmers to speak truth so that they get what they deserve. Their statistical approach solved the mystery.

Prof. Watve encouraged all faculty of Bajaj College and students by suggesting them to utilise minimum resources along with out-of-box thinking. Prof. Watve concluded with the view that research can be started at any age or in any class, simple research can solve many big problems of the society and eventually benefit the society. The gathering was ended up question-answer session along with the formal vote of thanks by Dr. Saikat Biswas, Assistant Professor, Department of Zoology, BCS, Wardha. More than 150 students and faculties were participated and interacted with Prof. Watve with a lot of excitement.





Guest lecture on "Carrier, growth, Opportunities in Clinical Research"

The guest lecture was arranged by department of Microbiology on "Carrier growth, Opportunities in Clinical Research" on 22nd November 2021 at 1.00 pm. Ms. Pooja Hiware and Ms. Shivani Balapure from Indian Institute of Clinical Research and Management (IIRM), Nagpur have addressed the students about the introduction to clinical research, career and job opportunities. Total 45 Microbiology, Chemistry, Botany and Zoology Senior Postgraduate students and faculty members of microbiology department were present for the programme. The briefing and background of the programme was given by Dr. Mrs. S. S. Khandare, HOD, Department of Microbiology. Vote of thanks was given by Dr. Bhavana Mohite.



Guest lecture on "Carrier, growth, Opportunities in Clinical Research"

[Signature]
Head / Incharge
Department of Microbiology
Bajaj College of Science, Wardha

**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**A Report of
Webinar on
"INNOVATION and STARTUP"
held at Bajaj College of Science, Wardha.**

A national webinar on "INNOVATION and STARTUP" was jointly organized by MoE's Innovation Cell, Institution's Innovation Council (IIC) & Department of Physics, BCS, Wardha on Tuesday, 5th October 2021. The young Entrepreneurs **Mr. Arvind Bhardwaj** and **Mr. Anupam Kumar**, Founders: MiniMines Cleantech Solutions, Nanomatrix Materials and Aristo - Parking & EV Stations were the distinguished Guest Speakers for first Session (First Half) of the program.

Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. Sanjay H. Bagade, President IIC, BCS, Wardha has chaired both the sessions. Dr. Sudhir R. Tiple was the convenor while Dr. Mangesh M. Yerpude was webinar co-ordinator.

Mr. Arvind Bhardwaj and Mr. Anupam Kumar explained step by step process to build a start-up. Their address covered every process involved in the starting a successful start-up. Income should be secondary while building a start-up were the views of guests. The nanomaterials applications for start-up were important takeaway from the program. They instructed the student to be courageous, self-confident. They deliberated on better observations, identifying problem and finding solutions to it, which leads to a better start-up.

The Principal of Bajaj College of Science, Wardha, Dr. Om Mahodaya emphasized on the importance of start-up and innovations. He had made a point on necessity of "make in India" for developing Indian economy.

The webinar which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 500 participants from all over the country were registered for the webinar. Dr. Sudhir R. Tiple, Convener conducted the proceedings. The guest introduction was given by Dr. G. V. Lakhotiya, Asst. Prof. Department of Physics, while the concluding remarks were made by Dr. Mangesh M. Yerpude, Member. The Question-Answer session was conducted by Dr. Mangesh M. Yerpude.

The more details of the webinar are as follows.

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.

President IIC: Dr. Sanjay H. Bagade

IIC-Convener: Dr. (Mrs) N. P. Mohabansi

Convenor: Dr. Sudhir R. Tiple

Coordinator: Dr. Mangesh M. Yerpude

Member: Dr. G. V. Lakhotiya

Member: Mr. Rajendra G. Jadhav



Dr. Mrs. N. P. Mohabansi
Convener,
IIC

Schedule

National Webinar on

“IIC Impact Lecture Series: Session 2 :- INNOVATION and STARTUP”

SN	Event	Time
1.	Welcome Address	10:55 AM - 11:00 AM
2.	Principals Address to Gathering	11:00 AM - 11:05 AM
Session 1		Chair: Dr. S. H. Bagade
3.	Introduction of Guest	11:05 AM - 11:07 AM
4.	Guest Lecture by Mr. Arvind Bhardwaj and Mr. Anupam Kumar	11:07 AM – 12:10 PM
5.	Question Answer Session	12:10 PM – 12:25 PM
Session 2		Chair: Dr. S. H. Bagade
6.	Introduction of Guest	12:25 PM - 12:30 PM
7.	Guest Lecture by Dr. Ramakant Sharma	12:30 PM – 1:40 PM
8.	Question Answer Session	1:40 PM – 1:55 PM
9.	Vote of Thanks	1:55 PM – 2:00 PM





Shiksha Mandal, Wardha's

Bajaj College of Science, Wardha

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IIC Impact Lecture Series: Session 2



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of R&D, Innovation)



MoE's Innovation Cell, Institution's Innovation Council (IIC) & Department of
Physics, BCS, Wardha

Jointly organizing

Webinar on

INNOVATION and STARTUP



Date: 5th October, 2021

Time: 11:00 am to 2:00 pm



Topic: Developing a successful Startup

Mr. Arvind Bhardwaj

Mr. Anupam Kumar

Founders: MiniMines Cleantech Solutions, Nanomatrix Materials and Aristo - Parking & EV Stations



Topic: Emerging Innovations in Nanoelectronics based devices

Dr. Ramakant Sharma

Post Doctoral Fellow, KAIST University, South Korea

Free Registration

Registration Link: <https://forms.gle/JjtugzwTTV2vX98e9>



Chairman

Dr. Om Mahodaya
Principal,
BCS, Wardha, MS.

President IIC

Dr. S. H. Bagade
Dept. of Physics
BCS, Wardha, MS.

IIC-Convener

Dr. (Mrs) N. P. Mohabansi
Convener IIC
BCS, Wardha, MS.

Convener

Dr. S. R. Tiple
IIC-Startup Coordinator,
BCS, Wardha, MS.

Co-ordinator

Dr. M. M. Yerpude
Dept. of Physics,
BCS, Wardha, MS.

About the College: <http://jbsw.shikshamandal.org> Contact us: +91 9766499841, iic.bcs@bcswardha.ac.in

**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**A Report of
Webinar on
“INNOVATION and STARTUP”
held at Bajaj College of Science, Wardha.**

A national webinar on “INNOVATION and STARTUP” was jointly organized by MoE's Innovation Cell, Institution's Innovation Council (IIC) & Department of Physics, BCS, Wardha on Tuesday, 5th October 2021. The second session (second half) was delivered by young researcher **Dr. Ramakant Sharma** Post-Doctoral Fellow, KAIST University, South Korea.

Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. Sanjay H. Bagade, President IIC, BCS, Wardha has chaired both the sessions. Dr. Sudhir R. Tiple was the convenor while Dr. Mangesh M. Yerpude was webinar co-ordinator.

Dr. Ramakant Sharma, an alumna of our college briefed students about the innovations going on in the field of solar cells. He motivated students to go for active research in the field of interest. He emphasized on green energy to save our environment. The pulse oximeter was most important take away from the session.

The Principal of Bajaj College of Science, Wardha, Dr. Om Mahodaya emphasized on the importance of start-up and innovations. He had made a point on necessity of “make in India” for developing Indian economy.

The webinar which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 500 participants from all over the country were registered for the webinar. Dr. Sudhir R. Tiple, Convener conducted the proceedings. The guest introduction was given by Dr. G. V. Lakhotiya, Asst. Prof. Department of Physics, while the concluding remarks were made by Dr. Mangesh M. Yerpude, Member. The Question-Answer session was conducted by Dr. Mangesh M. Yerpude.

The more details of the webinar are as follows.

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.

President IIC: Dr. Sanjay H. Bagade

IIC-Convener: Dr. (Mrs) N. P. Mohabansi

Convenor: Dr. Sudhir R. Tiple

Coordinator: Dr. Mangesh M. Yerpude

Member: Dr. G. V. Lakhotiya

Member: Mr. Rajendra G. Jadhav

Schedule

National Webinar on

“IIC Impact Lecture Series: Session 2 :- INNOVATION and STARTUP”

SN	Event	Time
1.	Welcome Address	10:55 AM - 11:00 AM
2.	Principals Address to Gathering	11:00 AM - 11:05 AM
Session 1		Chair: Dr. S. H. Bagade
3.	Introduction of Guest	11:05 AM - 11:07 AM
4.	Guest Lecture by Mr. Arvind Bhardwaj and Mr. Anupam Kumar	11:07 AM – 12:10 PM
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Session 2		Chair: Dr. S. H. Bagade
6.	Introduction of Guest	12:25 PM - 12:30 PM
7.	Guest Lecture by Dr. Ramakant Sharma	12:30 PM – 1:40 PM
8.	Question Answer Session	1:40 PM – 1:55 PM
9.	Vote of Thanks	1:55 PM – 2:00 PM



Shiksha Mandal, Wardha's

Bajaj College of Science, Wardha

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IIC Impact Lecture Series: Session 2



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of R&D, Government of India)



MoE's Innovation Cell, Institution's Innovation Council (IIC) & Department of
Physics, BCS, Wardha

Jointly organizing

Webinar on

INNOVATION and STARTUP



Date: 5th October, 2021

Time: 11:00 am to 2:00 pm



Topic: Developing a successful Startup

Mr. Arvind Bhardwaj

Mr. Anupam Kumar

Founders: MiniMines Cleantech Solutions, Nanomatrix Materials and Aristo - Parking & EV Stations



Topic: Emerging Innovations in Nanoelectronics based devices

Dr. Ramakant Sharma

Post Doctoral Fellow, KAIST University, South Korea

Free Registration

Registration Link: <https://forms.gle/JjtugzwTTV2vX98e9>



Chairman

Dr. Om Mahodaya
Principal,
BCS, Wardha, MS.

President IIC

Dr. S. H. Bagade
Dept. of Physics
BCS, Wardha, MS.

IIC-Convener

Dr. (Mrs) N. P. Mohabansi
Convener IIC
BCS, Wardha, MS.

Convener

Dr. S. R. Tiple
IIC-Startup Coordinator,
BCS, Wardha, MS.

Co-ordinator

Dr. M. M. Yerpude
Dept. of Physics,
BCS, Wardha, MS.

About the College: <http://jbsw.shikshamandal.org> Contact us: +91 9766499841, iic.bcs@bcswardha.ac.in

Shiksha Mandal's
Department of Microbiology, Bajaj College of Science, Wardha

Inter-University Essay Competition on Start Up and Entrepreneurship” for Postgraduate students

“Inter-University Essay Competition on Start Up and Entrepreneurship” (for PG Students) was organized by Department of Microbiology, Bajaj College of Science, Wardha (Autonomous) in Collaboration with Microbiologist Society India, held on 30 September 2021. Total 14 students have participated in the event from various college like Rajiv Gandhi Institute of Technology and Biotechnology, Pune, Hpt arts and ryk science college, Nashik, Modern college Ganeshkhind Pune. e- Certificate has been awarded to the winners & all participants. Dr. B.V. Mohite was worked as co-ordinator and Dr. Mrs. S. S. Khandare was Convener of the competition.

for award.

Head / Incharge
Department Of Microbiology
Bajaj College of Science, Wardha

Shiksha Mandal's
Department of Microbiology, Bajaj College of Science, Wardha

Inter-University Scientific Rangoli Competition For Under Graduate Students

Inter-University Scientific Rangoli Competition For Under Graduate Students was organized by Department of Microbiology, Bajaj College of Science, Wardha (Autonomous) in Collaboration with Microbiologist Society India, held on 29 September 2021. Total 34 students have participated in the event from various colleges to mention a few, Rajaram College, Kolhapur, K K Wagh Collge, Nashik, Yogeshwari Mahavidylaya, Ambejogai, V.P.M's Bandokar Collgeof Science, Thane. e- certificate has been awarded to the winners & all participants. Mr. M. G. Ingale was worked as co-ordinator and Dr. Mrs. S. S. Khandare was Convener of the competition.

for unal
Head / Incharge
Department Of Microbiology
Bajaj College of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)

**Report of Second Lecture of Session-I of Impact Lecture Series
On
"Entrepreneurship"
held at Shiksha Mandal's Bajaj College of Science, Wardha.**

Second online lecture of Session-I of Impact Lecture Series on topic "Entrepreneurship" was jointly organized by MoE's Innovation Cell, Institution's Innovation Council (IIC) and Department of Chemistry of the Bajaj College of Science, Wardha on Wednesday 22nd September 2021 from 12:30 pm to 2:00 pm. Dr. Shikha Jain, Director, Institute of Management Development and Research (IMDR), Pune was the distinguished speaker. Dr. P. V. Tekade worked as the convenor while Dr. P. G. Borkar was coordinator of event.

Dr. Shikha Jain, focused on various aspects of entrepreneurship such as need of becoming entrepreneur, how to start it, skills to adopt, market research and its importance etc. in her motivational talk. Chairman of the workshop Principal Dr. Mahodaya enlightened the participants with his key-note address.

This online lecture which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 524 participants from 20 states along with 01 international participants from Cairo were registered for the same.

The guest introduction was given by Dr. Mrs. N. P. Mohabansi. Dr. Ms. M. A. Haque conducted and concluded the proceedings, while Question-Answer session was conducted by Dr. K. M. Dadure and Dr. A. V. Nakhate.

(Dr. P. V. Tekade)

-----End of Report-----





Shiksha Mandal's

Bajaj College of Science, Wardha

An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur
NAAC Re-Accredited 'A' Grade Institution



ICC Impact Lecture Series: Session 1



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Government of India)



Jointly Organized by
**MoE's Innovation Cell, Institution's Innovation Council &
Department of Chemistry BCS, Wardha**

Webinar on

"Intellectual Property Rights & Entrepreneurship"

Date: 22nd September, 2021

Time: 11:00 am to 2:00 pm

Free Registration

Link for Registration: <https://forms.gle/vDQniBiDdKdAVsiD9>

Resource Person

1. **Dr. Sandeep A. Waghuley**

Professor
Department of Physics
SGB Amravati University

Topic: Intellectual Property Rights(IPR)

2. **Dr. Shikha Jain**

Director
EMDR, Pune

Topic: Entrepreneurship

About the college:

<http://www.shikshamandal.org>

About the Resource Person:

1. Dr. Sandeep A. Waghuley:

<https://bit.ly/3etolE1>

2. Dr. Shikha Jain:

<https://bit.ly/3t5TH8U>

Contact us at: **9985010381**

Email: ijc_bcs@icmail.com

Co-ordinator

Dr. P. G. Borkar
ICC-IPR Coordinator,
BCS Wardha

Organizer

Dr. Mrs. N. P. Mohabansi
Convener ICC
BCS, Wardha

Convener

Dr. P. V. Tekade
Incharge / HOD
Dept. of Chemistry
BCS, Wardha

President ICC

Dr. S.H. Bagade
BCS, Wardha

Principal

Dr. O. A. Mahodaya
BCS, Wardha

Note: Event details and link to join the webinar will be communicated via Email & Whatsapp.
E-certificates will be issued after submitting Feedback/E-Assessment Form.

Program Schedule

Time	Event
11:00 am – 11:05 am	Conduct/Introduction
11:05 am – 11:10 am	Welcome Remark (Principal)
11:10 am – 11:15 am	Introduction of Dr. S. A. Waghuley
11:15 am – 12:25 pm	Session on IPR (Dr. S. A. Waghuley)
12:25 pm – 12:30 pm	Queries and Concluding Remark

Glimpse of Lecture 1 on IPR



Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)

**Report of First Lecture of Session-I of Impact Lecture Series
On
"Intellectual Property Rights (IPR)"
held at Shiksha Mandal's Bajaj College of Science, Wardha.**

First online lecture of Session-I of Impact Lecture Series on topic "Intellectual Property Rights (IPR)" was jointly organized by MoE's Innovation Cell, Institution's Innovation Council (IIC) and Department of Chemistry of the Bajaj College of Science, Wardha on Wednesday 22nd September 2021 from 11:00 am to 12:30 pm. Dr. S. A. Waghuley, Professor, Department of Physics, Sant Gadgebaba Amravati University, Amravati was the distinguished resource person. Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. P. V. Tekade worked as the convenor while Dr. P. G. Borkar was coordinator of event.

Dr. S. A. Waghuley, focused on various aspects of IPR such as copyrights, patents, trademarks, innovations etc. in his thought provoking talk. Chairman of the workshop Principal Dr. Mahodaya enlightened the participants with his key-note address.

This online lecture which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 524 participants from 20 states along with 01 international participants from Cairo were registered for the same.

The guest introduction was given by Mr. M. D. Bansinge. Dr. Ms. M. A. Haque conducted and concluded the proceedings, while Question-Answer session was conducted by Mr. N. A. Barwat and Dr. A. V. Nakhate.

(Dr. P. V. Tekade)
Off. Principal
Bajaj College of Science
WARDHA

-----End of Report-----





Shiksha Mandal's

Bajaj College of Science, Wardha

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NAAC Re-Accredited 'A' Grade Institution



ICC Impact Lecture Series: Session 1



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Government of India)



Jointly Organized by
**MoE's Innovation Cell, Institution's Innovation Council &
Department of Chemistry BCS, Wardha**

Webinar on

"Intellectual Property Rights & Entrepreneurship"

Date: 22nd September, 2021

Time: 11:00 am to 2:00 pm

Free Registration

Link for Registration: <https://forms.gle/vDQniBiDdKdAYsiD9>

Resource Person

1. Dr. Sandeep A. Waghuley

Professor
Department of Physics
SGB Amravati University

Topic: Intellectual Property Rights(IPR)

2. Dr. Shikha Jain

Director
EMDR, Pune

Topic: Entrepreneurship

About the college:

<http://www.shikshamandal.org>

About the Resource Person:

1. Dr. Sandeep A. Waghuley:

<https://bit.ly/3etofE1>

2. Dr. Shikha Jain:

<https://bit.ly/3KTH8U>

Contact us at: **9985010381**

Email: ijc_bcs@icmail.com

Co-ordinator

Dr. P. G. Borkar
ICC-IPR Coordinator,
BCS Wardha

Organizer

Dr. Mrs. N. P. Mohabansi
Convener ICC
BCS, Wardha

Convener

Dr. P. V. Tekade
Incharge / HOD
Dept. of Chemistry
BCS, Wardha

President ICC

Dr. S.H. Bagade
BCS, Wardha

Principal

Dr. O. A. Mahodaya
BCS, Wardha

Note: Event details and link to join the webinar will be communicated via Email & Whatsapp.
E-certificates will be issued after submitting Feedback/E-Assessment Form.

Program Schedule

Time	Event
12:30 pm – 12:32 pm	Conduct/Introduction
12:33 pm – 12:35 pm	Introduction of Speaker Dr. Shikha Jain
12:35 pm – 1:50 pm	Session on Entrepreneurship (Dr. Shikha Jain)
1:50 pm – 1:55 pm	Queries Session
1:55 pm – 2:00 pm	Concluding Remark

Glimpse of Lecture 2



A Zoom video call interface showing a presentation slide. The slide has a light green background with a decorative orange arrow on the left. At the top, it says "Guest Speaker". Below this is a portrait of Dr. Shikha Jain, a woman with dark hair wearing a blue jacket. To the right of the portrait, her name "Dr. Shikha Jain" is written in bold, followed by her qualifications "BA (Hons), MA, PGDM, SUT, PhD", her title "Director", and her affiliation "IMDR, Pune". The topic "Topic: Entrepreneurship" is listed at the bottom in blue. A small video window in the top right corner shows a participant. The Zoom logo is in the bottom right corner.

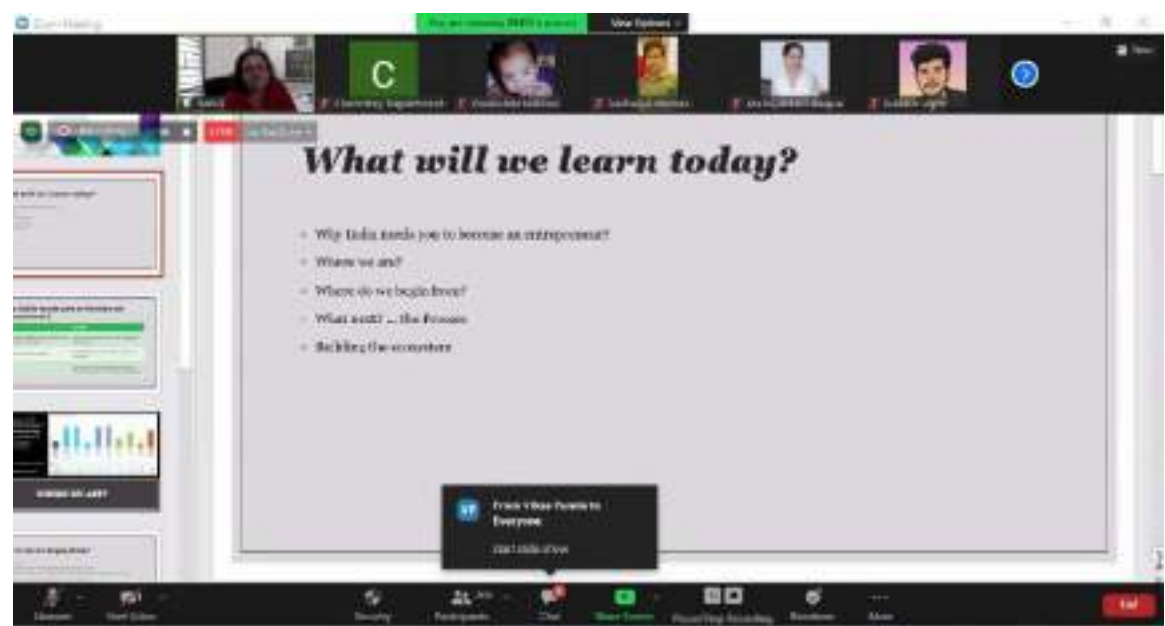
Guest Speaker

Dr. Shikha Jain
BA (Hons), MA, PGDM, SUT, PhD
Director
IMDR, Pune
Topic: Entrepreneurship



A Zoom video call interface showing a presentation slide. The slide has a light green background with a decorative orange arrow on the left. At the top, it says "Bajaj College of Science, Wardha (Autonomous)". Below this is "IIC Impact Lecture Series: Session 1" in pink, followed by "Webinar on" and "Intellectual Property Rights & Entrepreneurship" in blue. The date "22nd September, 2021" is written in red. The word "WELCOMES" is in large green letters, followed by a bouquet of red and white flowers. At the bottom, it says "Resource Person and Participants". A small video window in the top right corner shows a participant. The Zoom toolbar is visible at the top.

Bajaj College of Science, Wardha (Autonomous)
IIC Impact Lecture Series: Session 1
Webinar on
"Intellectual Property Rights & Entrepreneurship"
22nd September, 2021
WELCOMES
Resource Person and Participants



Intercollegiate online quiz on the occasion of "Death Anniversary of Antony van Leeuwenhoek and Paul Ehrlich"

Intercollegiate Online quiz on the Occasion of "Death Anniversary of Antony van Leeuwenhoek and Paul Ehrlich" was organized by Department of Microbiology, Bajaj College of Science, Wardha on 27th August 2021 at 4.00 pm. The quiz is of MCQ pattern for 25 Marks and 25 minutes. There were total 357 students registered for the quiz, out of which 156 students attempted the quiz and 150 students scored 40% and above marks. E-certificates are given to the students who scored 40% and above marks. The registered students are from various colleges and universities to mention a few includes, Elphinstone College, Mumbai, Badtinarayan Barwale college Jalna, Shardabai pawar mahila mahavidyalaya baramati,, Modern College Ganeshkhind Pune, Royal College of arts science and commerce, Mumbai, Shri vyanktesh college of arts, commerce and science Deulgaon raja, HPT and RYK College of science, Nashik. Dr. B.V. Mohite was worked as co-ordinator of the quiz and Dr. Mrs. S. S. Khandare was Convener of the quiz.



for unal..

Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

A Report on Online Webinar
"Motivational Talk by Successful Entrepreneur"

The online one day webinar on "Motivational Talk by Successful Entrepreneur" was jointly organized by Department of Chemistry and Institution's Innovation Council (IIC) of the Bajaj College of Science, Wardha on Monday 23rd August 2021. Dr. Om Mahodaya, Principal, Bajaj College of Science has delivered the keynote address. The guest introduction was given by Dr. P. V. Tekade, Convenor of the workshop. The concluding remark was delivered by Dr. Mrs. N. P. Mohabansi, organizer of the webinar. The workshop got overwhelming response from the college faculties and PG and UG students of various Colleges. Total 230 participant's registered for this webinar.

The more details of the webinar are as follows.

Webinar Topic: "Motivational Talk by Successful Entrepreneur"

Date and Time: 23rd August 2021; 12.00 Noon

Organizers: Department of Chemistry and Institution's Innovation Council (IIC) of the Bajaj College of Science, Wardha

Distinguished speaker:

- Mr. Arun Waze, Founder & Chairman
Anil Cottage Industries, Wardha,
- Topic: "Motivational Talk by Successful Entrepreneur"

Webinar platform: Zoom and live streaming on you tube.



Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science

Convener: Dr. P. V. Tekade

President IIC: Dr. S.H. Bagade

Organizer: Mrs. N. P. Mohabansi

Coordinator: Dr. A.V. Nakhate

Coordinator: Dr. M.A. Haque

Member: Dr. K. M. Dadure

Member: Mr. N.A. Barwat

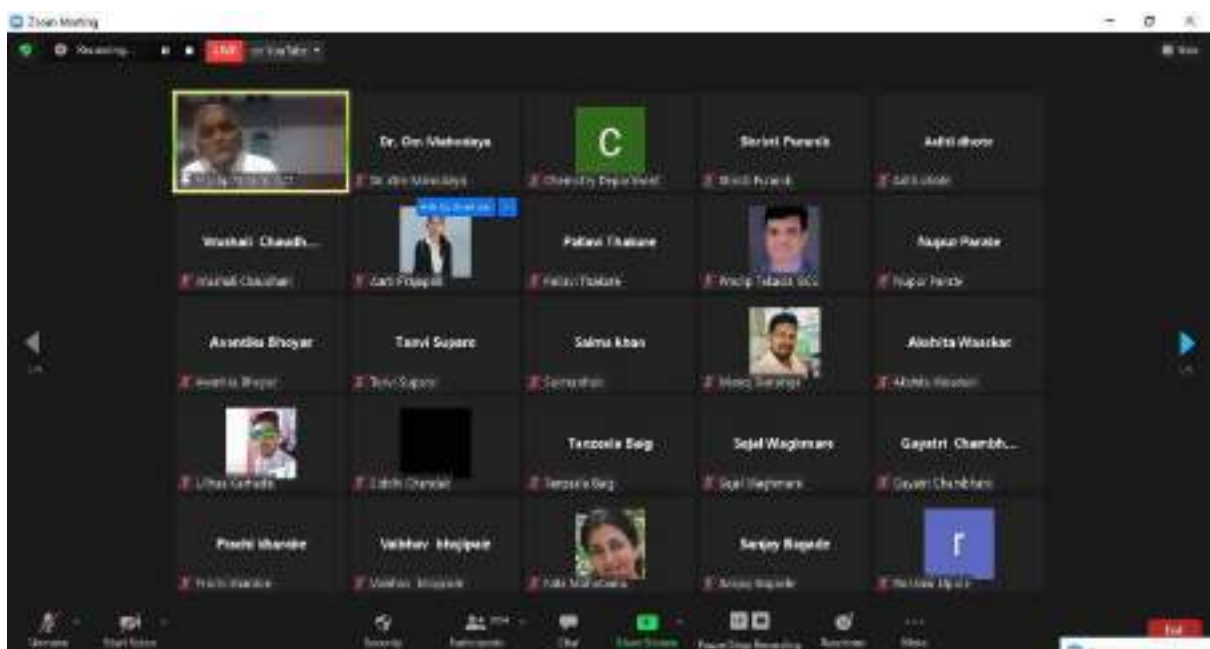
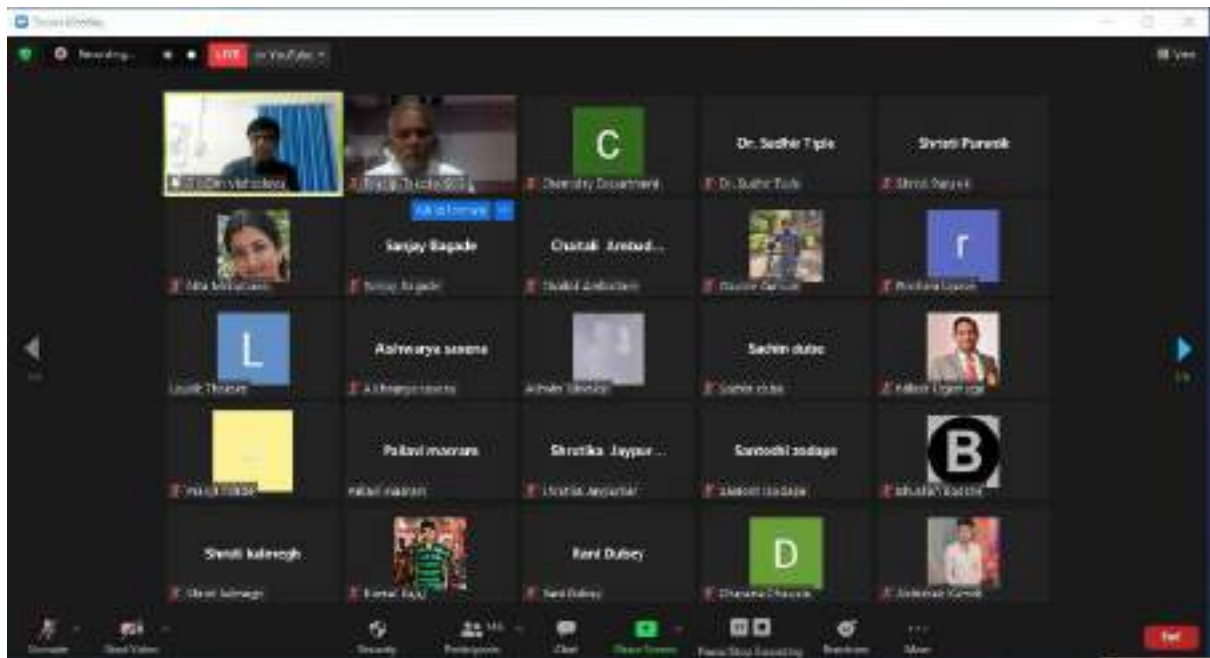
Member: Mr. M.D. Bansinge

Member: Dr. P.G. Borkar


(Dr. P.V. Tekade)
Dr. Principal
Bajaj College of Science
WARDHA



Glimpse of the Webinar





Report on Virtual Laboratory Development

Department of Physics, Bajaj College of Science, Wardha in association with Bajaj Science Centre, Wardha had organized an online event to have hands on online laboratory tool between 20th to 31st May 2021. The event is organized taking into consideration the current situation due to covid-19 pandemic. Students are stuck in their homes; they don't have access to laboratories and science without laboratory can't be imagined. Many online tools are available with the students to perform laboratory practical by virtual simulations but the process behind this virtual simulation is not known to students. This event is one of such initiative to understand the process behind virtual simulation and students can make their own simulations and obtain data to understand the science behind it. Students also have given exposure to python language and google collabs. The guest of honour and trainer for the sessions are Mr. Suresh Parekh (Co-founder Infinoscope Magazine) and Mr. Harshal Sanghavi (Research Scholar, Florida Atlantic University, USA) joining from US.

The introduction of the program is done by Dr. Mangesh Yerpude. Dr. Sanjay Bagade head of department physics has welcomed the guest and have given inaugural speech. He has pointed out the importance of laboratory and practical in science. Dr. Govinda Lakhotiya have introduced the guest Mr. Harshal Sanghavi. Mr. Harshal Sanghavi started the session with his ideas of virtual lab. He has started with how to think critically. He has shown several situations and asked questions to the students so that they can think about the problem and can develop their own way to solve that problem. The first day of the program is full of entertainment and brain storming. Mr. Harshal with his skills have developed interest in the minds of students and those students who are always shy in speaking have answered according to their understanding. The program ends with formal vote of thanks by Dr. Sudhir Tiple.

The event is a 11 day program with total 6 sessions between 20th to 31st May 2021. Total 75 students have registered for the event out of which 25 students are selected. For the event students are required to have their own PC or laptop throughout the session thus the number of participants are limited. The participants are from different age group and from different institutes. 10 students from Bajaj Science Centre, Wardha of class 8th and 9th, 15 from Bajaj College of Science, Wardha and 10 from Bajaj Institute of Technology have selected for final sessions. Students from Bajaj Institute of Technology are added later to provide technical support to other participants as they are not familiar with such platforms. The program is divided in to 6 sessions every alternate day, and students have given the task after every session. The first session was engaged by Mr. Harshal Sanghavi and have introduced the concept of virtual lab to the students. Many students have first time seen such virtual experiments. They answered some of question which were asked by the speaker. Students have taken interest and asked many of their doubts which were solved by eminent speaker. Dr. Govinda Lakhotiya started second session with the introduction of guest. Mr. Suresh Parekh had joined from Ahmadabad, Gujrat and he was the speaker for later sessions of this virtual lab development event. Mr. Suresh Parekh started with some basics of python. The python is a computer language that needs to be understand first to make simulations possible. The second and the third session is completely dedicated to learning python and running some codes. For these sessions free tool googlecolab from google is used. He has introduced all the steps involved in developing successful simulation. Selection of problem, understanding science behind it, literature survey and solution to the problem are few important steps. In the coming sessions the problems were converted to the actual simulations. Several doubts have also solved coming in the minds of students before proceeding to next steps. Students have given tasks to perform. In the coming days participants were divided into groups to develop their own virtual lab.




Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha



Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

A Report on one day webinar

"Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem"

The one day webinar on "Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem" was jointly organized by Department of Chemistry and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha on Saturday 17th April 2021. The webinar got overwhelming response from the college faculties and PG and UG students of various college of the Nagpur University. Total 184 participants registered for this webinar. Dr. P. V. Teakade, Incharge / HOD Department of Chemistry, Bajaj College of Science, and Convenor of the webinar has delivered the keynote address. The guest introduction was given by Dr. A. V. Nakhate, Coordinator of the webinar. The concluding remark was delivered by Dr. Mrs. Nita Mohabansi. The queries session was conducted by Dr. P.G.Borkar and Mr. M. D. Bansinge.

The more details of the webinar are as follows.

Webinar Topic: "Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem"

Date and Time: 17th April 2021; 03.00 pm -05.00 pm

Organizers: Department of Chemistry and Institution Innovation Council (IIC) of the Bajaj College of Science, Wardha

Distinguished speaker:

- Dr. Babu Gawade, Founder & Managing Director @Cleanchem Laboratories Mumbai
- Topic: "Overview of Indian Pharmaceutical / Chemical Industry & A Virtual Industrial Visit at Cleanchem"

Webinar platform: Zoom and live streaming on you tube.

Organizing Committee



Chairman: Shri. Sanjay Bhargava, Chairman, Shikha Mandal Wardha.

Principal: Dr. Om Mahodaya, Bajaj College of Science

Convener: Dr. P. V. Tekade

Co-ordinator: Dr. A.V.Nakhate

Member: Dr. Mrs. Nita Mohabansi

Member: Mr. M. D. Bansinge

Member: Mr. N. A. Barwat


Member: Dr. P. G. Borakar

Member: Dr. K. M. Dadure

Member: Dr. M. A. Haque

Member: Dr. A. A. Maheshwari

Member: Dr. G. V. Lakhoria


(Dr. P. V. Tekade)
Offi. Principal
Bajaj College of Science
WARDHA



Glimpse of the Webinar

Hold of Indian Chemical Industry on Economy

LIVE

Indian Chemical Industry 2019

- ❑ 7% of National GDP
- ❑ 3rd Largest in Asia preceded by China and Japan
- ❑ 3% of Global share
- ❑ More than 1 Lakh commercial products
- ❑ Size of 108 billion dollars
- ❑ 14 % in overall index of Industrial production
- ❑ 12.5 % of Export Share
- ❑ 100% FDI approved by Government

Dr. Babu Gawade's screen additional jobs in this sector by 2025



Characteristics of Indian Chemical Industry

LIVE

Indian Chemical Industry

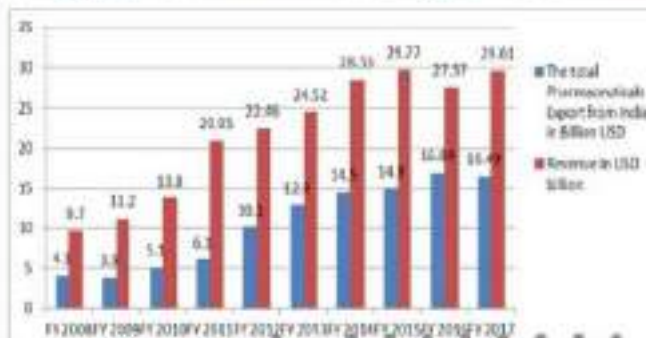
High
Domestic
demand
Potential

Focus on
Specialty
chemicals

GJ & MH
Emerging as
a Favoured
zone


Fragmented
Industry

Increased
Focus on
R&D




Dr. Babu Gawade's screen






LIVE

Evolution of India's Chemical Industry



Leave



Basic Needs 1950-72

- Chemical products to protect crops
- Agriculture, drugs, pharmaceuticals

Establishment 1972-80

- Public sector companies were set up to develop the petrochemical industry
- Plastics and fibres, petrochemical products

Consolidation 1980-92


- Consolidation started from largely fragmented firms with small capacities and high cost structures
- Paints, drugs, pharmaceuticals and detergents

Liberalization 1992-95


- Major investment plans by both Indian firms and MNCs
- Lower tariff barriers
- Demonstrating role of public sector companies
- Petrochemicals, engineering plastic, specialty fibres

Expansion 1995 onwards


- In 2015, DPCP has announced to design a 10 point plan framework that would encourage the domestic production of chemicals
- Alliances and partnerships to achieve scale
- Licensing requirements removed at least in the case of hazardous chemicals
- Increasing investments by foreign players to create through mergers & acquisition and joint ventures
- Allowed 100 per cent FDI in petrochemicals industry




Unmute




Start Video



Share



Participants



More



Leave



Leave







Unmute



Start Video



Share



Participants



More



Unmute



Start Video



Share



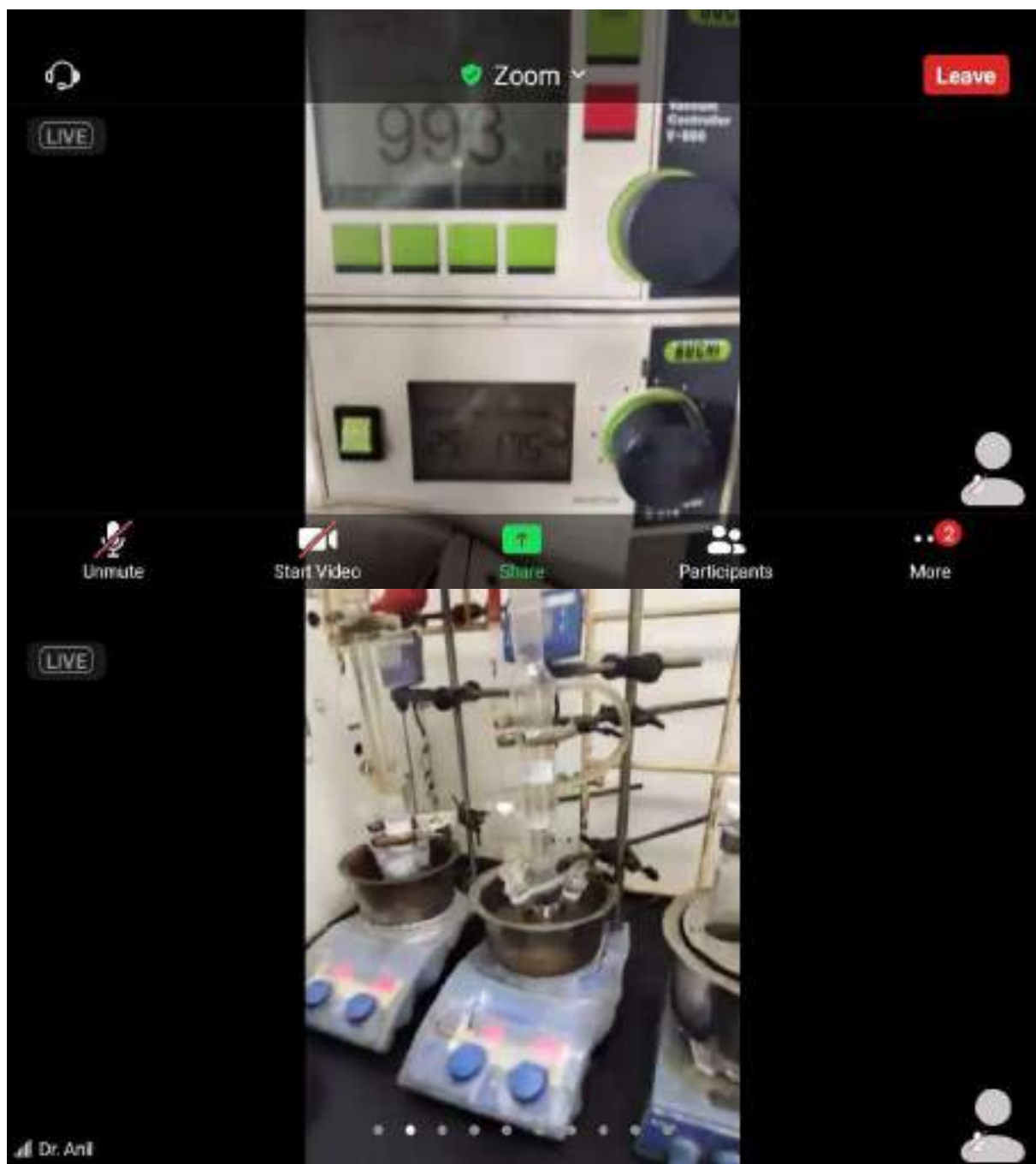
Participants



More










LIVE


Secret Behind the Success

- Cost Effective Technology
- Strong and well developed manufacturing base
- Knowledge based low cost manpower in Science and Technology
- Proficiency in path breaking research
- High standards of purity
- Non infringing processes for manufacturing
- World class process development (P&D) Laboratories
- Regulatory, Legal and Financial framework
- Global recognition due to liberalization, privatization & globalization
- High quality formulations



Cleanchem
Laboratories
Linking Industries

Dr. Bapu Gawade's screen



Close

Participants (100)

Close

Participants (99)

Waiting(3)

Admit all

SF Samiksha farkade

Admit

SM Shital Mankar

Admit

MS Muskan sahu

Admit

Participants(97)

Search

PT Pradip Tekade (Co-host me)

GL GV Lakhotiya (Host)

DB Dr. Bapu Gawade (Co-host)

AN Akhil Nakhate (Co-host)

MD Manoj Deshpande (Co-host)

FB Prashant Borkar (Co-host)

DB Dr. Bapu Gawade (Co-host)

AK Abha Karale

AD Aditya dongare

AM Akanksha Mishra

AF AMEPURA FORUM

AK Amruta Kumbhare

AL Anurag Lokhande

AZ Anushri Zade

AR Aparna Raut

Invite

Mute All

...

Invite

Mute All

...

Zoom Meeting

Dr. Anil

Prashant Borkar

Manoj Deshpande

Nandini dady

Kiran tijare

Dr. Anil

Prashant Borkar

Manoj Deshpande

Nandini dady

Kiran tijare

Participants (10)

Waiting Room (1)

In the Meeting (9)

Chat

Establishment Year: 1962

Shiksha Mandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Office/Fax: (07152) 230515

Admn. Off.: (07152) 241696

Library : (07152) 255070

E-mail: jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnalal Bajaj Marg,

Civil Line, Wardha – 442 001

(Maharashtra)

Uni. College No.: 652

Jr. College No.: 07-01-003

Study Abroad Free Webinar

REPORT

Training and Placements Cell of Bajaj College of Science, Wardha and MANASI Overseas Education Consultants in collaboration with Ashiraj Education Overseas Consultant Pvt. Ltd. organized **Study Abroad Free Webinar** for the students of Under graduate and Post graduate students on topic “**Overseas Education and Future Opportunities**”, on 7th and 8th April, 2021.

The students were informed about the different opportunities and scope for taking Higher education abroad and benefits related to it. In all 148 students from Under graduation and 56 students from Post-Graduation participated in it.

Dr. D. D. Nalk

Convener

Training and Placements Cell

**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

**A Report of
Motivational Talk by Successful Entrepreneur on
"STARTUP: A FUTURE DREAM FOR GRADUATES AND YOUNG MINDS"
held at Bajaj College of Science, Wardha.**

A national webinar on "STARTUP: A FUTURE DREAM FOR GRADUATES AND YOUNG MINDS" was jointly organized by Institution Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC) of the Bajaj College of Science, Wardha on Saturday, 6th March 2021. The young and successful Entrepreneur of central India in the field of Animations Shri. Abhishek Acharya, Director, DIZVIZ Production, Nagpur was the distinguished Guest Speaker.

Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. Mrs. N. P. Mohabansi worked as the convenor while Dr. Sudhir R. Tiple was webinar co-ordinator. Shri. Abhishek Acharya had emphasized on start-up as it brings the collective development of Employer as well as employee. His address was focussed on the steps involve in building a start-up and challenges faced during the process. He illustrated varies live examples and encourage the students as well as faculty members.

The Principal of Bajaj College of Science, Wardha, Dr. Om Mahodaya had brought under the notice that a start-up is a basic building block of any modern institution of new India and encourage the faculty members to take steps to build start-up in their respective colleges.

The webinar which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 450 participants from all over the country were registered for the webinar. Dr. Sudhir R. Tiple, Co-Ordinator conducted the proceedings. The guest introduction was given by Dr. Mangesh M. Yerpude, Member, while the concluding remarks were made by Dr. Akhil Nakhate, Member. The Question-Answer session was conducted by Dr. A. A. Maheshwari.

The more details of the webinar are as follows.

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha.

IQAC Coordinator: Dr. M. R. Chandrakar

Convenor: Dr. N. P. Mohabansi

Coordinator: Dr. Sudhir R. Tiple

Member: Dr. Prashant Borkar

Member: Dr. B. V. Mohite

Member: Dr. S. P. Biswas

Member: Dr. M. M. Yerpude

Member: Dr. M. A. Haque

Member: Dr. A. A. Maheshwari

Member: Dr. A. V. Nakhate



Dr. N. P. Mohabansi
Convenor, IIC

Shiksha Mandal, Wardha's
Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

"A Century of Nationalistic, Value Based, Quality Education"

NAAC Reaccredited 'A' Grade Institution

AN AUTONOMOUS INSTITUTION

Affiliated to The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Schedule

National Webinar on

**"STARTUP: A FUTURE DREAM FOR GRADUATES
AND YOUNG MINDS"**

SN	Event	Time
1.	Welcome Address	11:30 AM - 11:32 AM
2.	Principal's Address to Gathering	11:32 AM - 11:38 AM
3.	Introduction of Guest	11:38 AM - 11:40 AM
4.	Guest Lecture by Shri. Abhishek Acharya	11:40 AM - 12:30 PM
5.	Question Answer Session	12:30 PM - 12:58 PM
6.	Vote of Thanks	12:58 PM - 1:00 PM



**Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)**

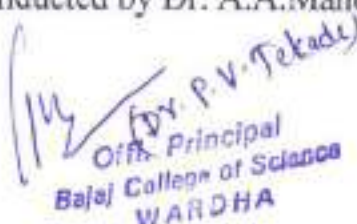
**A Report of Online National Webinar on
"Green Audit for Educational Institutes"
held at Shiksha Mandals's Bajaj College of Science, Wardha.**

A national webinar on "Green Audit for Educational Institutes" was jointly organized by Institution Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC) of the Bajaj College of Science, Wardha on Wednesday, 23rd December 2020. Dr. Pravir Deshmukh, Counsellor, India Business and Biodiversity Initiative (IBBI), Confederation of Indian Industry (CII), New Delhi was the distinguished Guest Speaker. Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. Mrs. N. P. Mohabansi worked as the convenor while Dr. P. G. Borkar was webinar co-ordinator.

Dr. Pravir Deshmukh focused on needs for Green Audit at Educational Institutes. He highlighted on managing energy, carbon foot prints, solid and liquid waste etc during in his thought provoking talk. Also, he explained the green audit methodology developed by IBBI. Chairman of the webinar Principal Dr. Mahodaya enlightened the participants with his key-note address. Dr. Mahodaya stressed the need of green audit to maintain biodiversity sustainability at educational campus.

The webinar which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 528 participants from more than 20 states of country were registered for the webinar.

The guest introduction was given by Dr. Borkar, Co-ordinator while the concluding remarks were made by Dr. Mrs. Mohabansi, Convenor. Dr. M. A. Haque conducted the proceedings while Question-Answer session was conducted by Dr. A.A.Maheshwari.


Dr. P.V. Tekade
Off. Principal
Bajaj College of Science
WARDHA



The more details of the webinar are as follows.

Topic: “Green Audit for Educational Institutes”

Date and Time: 23rd December 2020; 11.00am -1.00pm

Organizers: Institution Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC) of the Bajaj College of Science, Wardha

Distinguished speaker:

- Dr. Pravir Deshmukh, Counsellor, India Business and Biodiversity Initiative (IBBI) Confederation of Indian Industry (CII), New Delhi

Platforms: Zoom and live streaming on you tube.

YouTube Link: <https://www.youtube.com/watch?v=ZV3SwnSBBBM&t=740s>

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, wardha.

IQAC Coordinator: Dr. M. R. Chandrakar

Convenor: Dr. N. P. Mohabansi

Coordinator: Dr. P. G. Borkar

Member: Dr. B. V. Mohite

Member: Dr. S. P. Biswas

Member: Dr. M. M. Yerpude

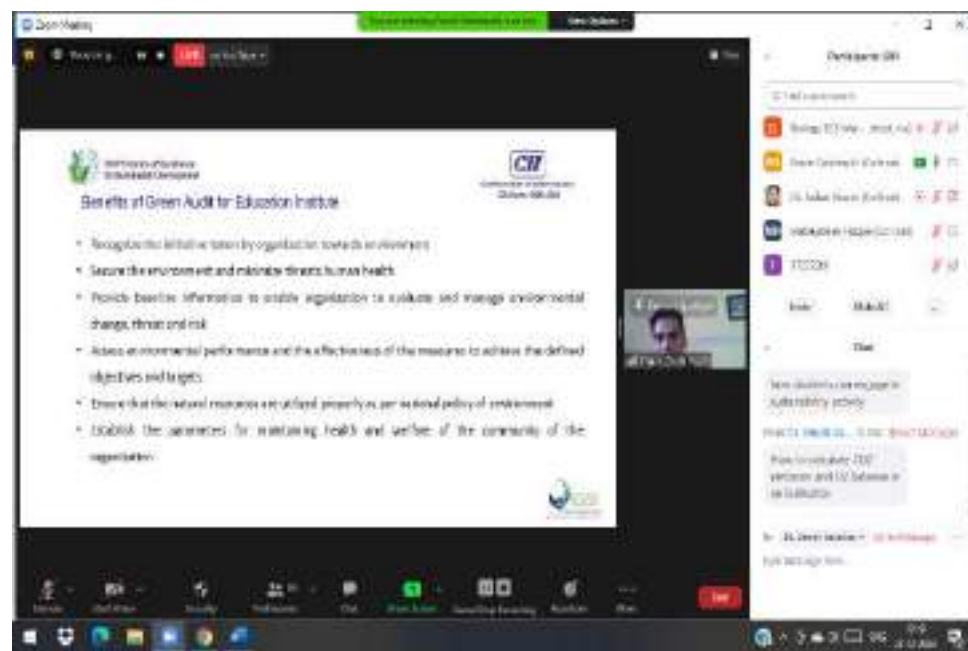
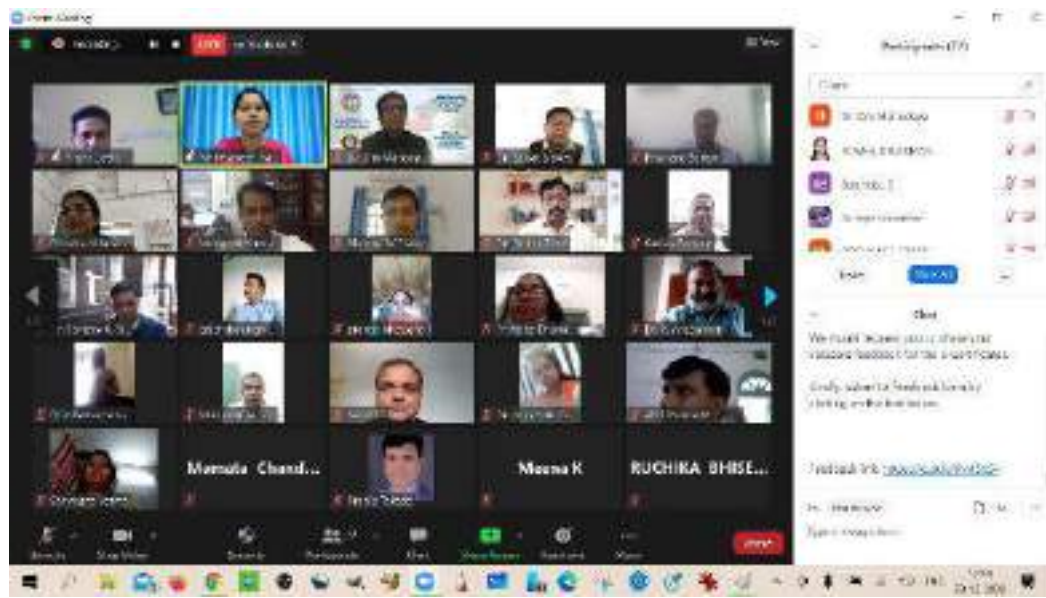
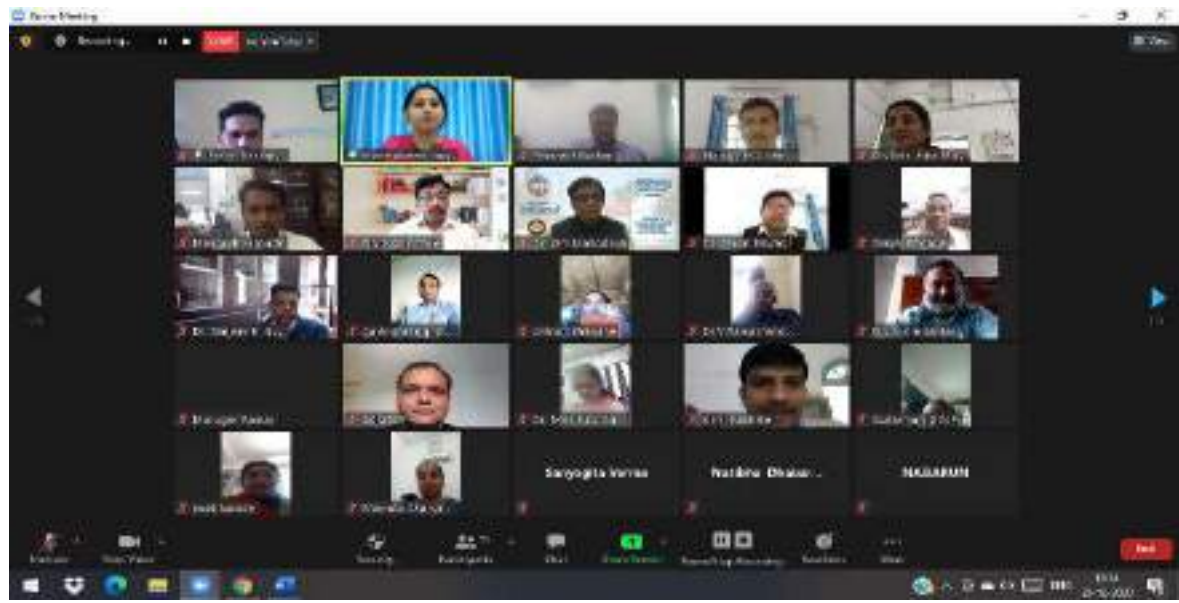
Member: Dr. M. A. Haque

Member: Dr. A. A. Maheshwari

Member: Dr. A. V. Nakhate



Glimpse of the Workshop



10th Anniversary of NIOS

Key Milestones:

- Established in 1985 as the first open school in India.
- First to introduce distance education in India.
- First to introduce open school system in India.
- First to introduce open school system in India.
- First to introduce open school system in India.

Key Achievements:

- Over 100 million students have benefited from NIOS.
- Over 100 million students have benefited from NIOS.
- Over 100 million students have benefited from NIOS.
- Over 100 million students have benefited from NIOS.
- Over 100 million students have benefited from NIOS.

Participants:

- Mohjabeen Ha...
- Mamata Chand...
- SAMEER
- Bharani Mahite

10th Anniversary of NIOS

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Participants:

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- Mamata Chand...
- SAMEER
- Bharani Mahite

10th Anniversary of NIOS

Key Milestones:

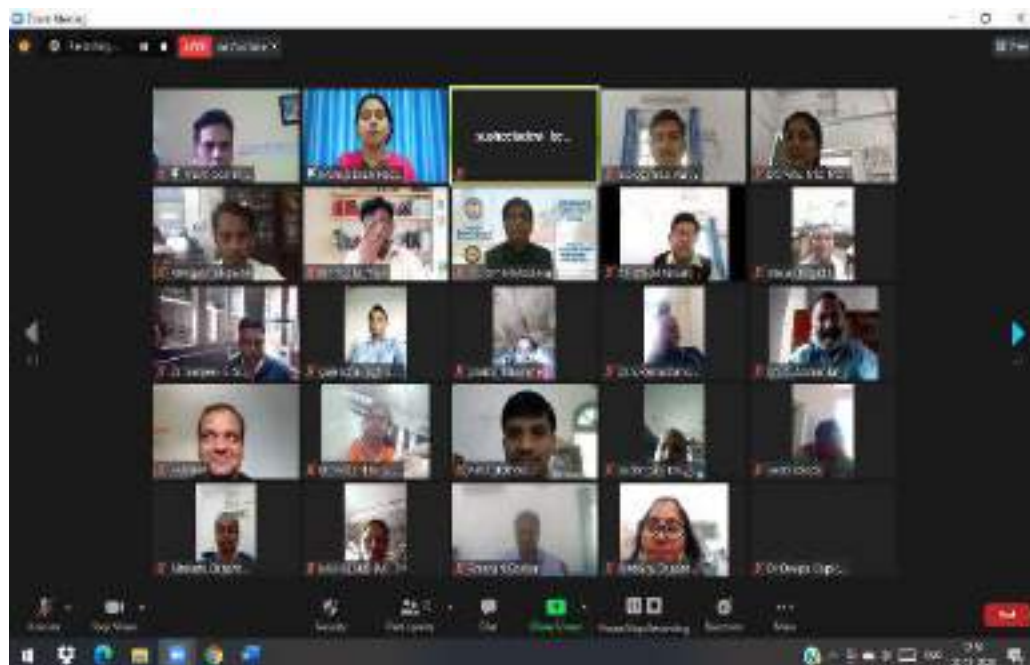
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- Over 100 million students have benefited from NIOS.

Participants:

- Mohjabeen Ha...
- Mamata Chand...
- SAMEER
- Bharani Mahite



Methodology

Education for Sustainability	Energy Conservation	Water Conservation
<ul style="list-style-type: none"> How students contributing in institution sustainability journey Direct learning of sustainability to students 	<ul style="list-style-type: none"> Use of natural light in classrooms Installation of Solar power Energy conservation measures Are students responsible about and engaged when not in site? 	<ul style="list-style-type: none"> Water course of institution Action plan for reducing water requirements Student contribution to water conservation monitoring Trends in water management

Participant List (Right Side):

- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
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- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta

Driving towards meeting India's Biodiversity Commitment

India 12 National Biodiversity Targets as a road map for achieving the CBD's Aichi Biodiversity Targets to 2015

CBD is in process of developing Post 2015 Global Biodiversity Framework with 2030 Vision, 'Living in Harmony with Nature'

NATIONAL BIODIVERSITY ACTION PLAN (NBAP)

2014-2020

Participant List (Right Side):

- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
- Dr. Deepa Datta
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- Dr. Deepa Datta
- Dr. Deepa Datta

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
(Formerly known as Jankidevi Bajaj College of Science, Wardha)


**A Report of Online National Workshop on
“Intellectual Property Rights (IPR) and Innovations”
held at Shiksha Mandals's Bajaj College of Science, Wardha.**

The online national workshop on “Intellectual Property Rights (IPR) and Innovations” was jointly organized by Institution Innovation Council (IIC) and Research promotion Committee of the Bajaj College of Science, Wardha on Saturday 19th December 2020. Dr. M. Kantha Babu, Director, Centre for Property Rights (CIPR)-College of Engineering Guindy, Anna University, Chennai was the distinguished Guest Speaker. Principal of the college, Dr. Om Mahodaya, Chairman of the programme presided over the function. Dr. P. V. Tekade worked as the convenor while Dr. P. G. Borkar was workshop coordinator.

Dr. M. Kantha Babu focused on various aspects of IPR such as innovation, patents, start up and entrepreneurship etc. in his thought provoking talk. Chairman of the workshop Principal Dr. Mahodaya enlightened the participants with his key-note address.

The workshop which was held using zoom and YouTube live platforms got overwhelming response from the college faculties, PG and research students of various states of the country. Total 906 participants from 25 states along with 02 international participants from Iraq and Egypt were registered for the workshop.

The guest introduction was given by Dr. Tekade, Convenor while the concluding remarks were made by Dr. Borkar, Coordinator. Dr. B V. Mohite conducted the proceedings while Question-Answer session was conducted by Dr. M. Yerpude.


Dr. P.V. Tekade
Off. Principal
Bajaj College of Science
WARDHA



The more details of the workshop are as follows.

Topic: “Intellectual Property Rights (IPR) and Innovations”

Date and Time: 19th December 2020; 10.20am -12.50pm

Organizers: Institution Innovation Council (IIC) and Research promotion
Committee of the Bajaj College of Science, Wardha

Distinguished speaker:

- Dr. M. Kantha babu, Director, Centre for Property Rights (CIPR)-College of Engineering Guiny, Anna University, Chennai

Platforms: Zoom and live streaming on you tube.

YouTube Link: <https://youtu.be/7t9DcZr0ymk>

Organizing Committee

Chairman: Dr. Om Mahodaya, Principal, Bajaj College of Science, Wardha

Convener: Dr. P. V. Tekade

Organizing Secretary/ Co-ordinator: Dr. P. G. Borkar

Member: Dr. B. V. Mohite

Member: Dr. S. P. Biswas

Member: Dr. M. M. Yerpude

Member: Dr. M. A. Haque

Member: Dr. A. A. Maheshwari

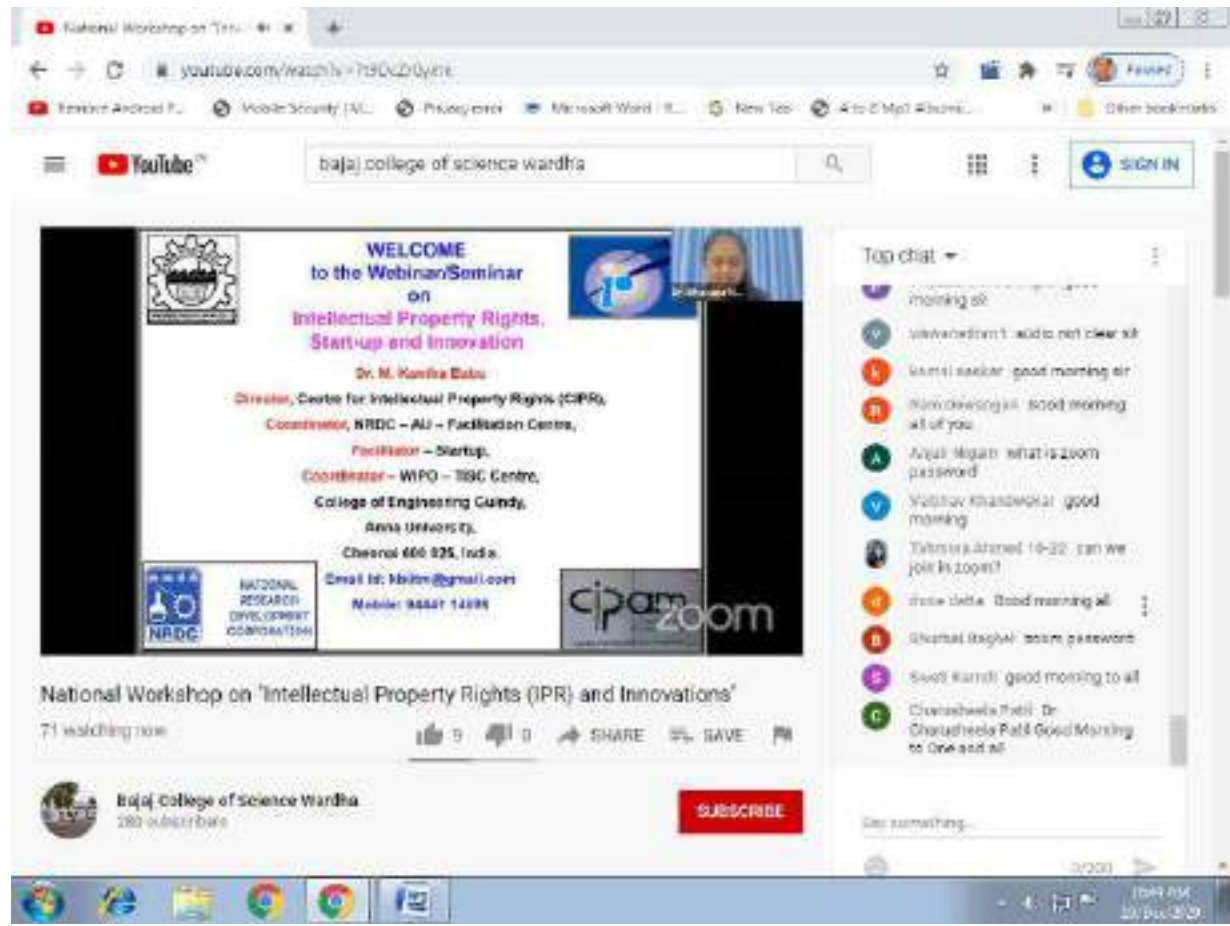
Member: Dr. A. V. Nakhate

Member: Mr. M. G. Ingale

Member: Mr. P. B. Bhoyar



Glimpse of the Workshop



WELCOME
to the Webinar/Seminar
on
**Intellectual Property Rights,
Start-up and Innovation**

Dr. M. Kantha Babu
Director, Centre for Intellectual Property Rights (CIPR),
Coordinator, NRDC – AU – Facilitation Centre,
Facilitator – Startup,
Coordinator – WIPO – TISC Centre,
College of Engineering Guindy,
Anna University,
Chennai 600 025, India.
Email Id: kbiitm@gmail.com
Mobile: 94441 14691

Logos: Anna University, CIPR, CIPAM, National Research Development.

Invention Vs. Innovation

In its purest sense,

- "Invention" can be defined as the creation of a product or introduction of a process for the first time.
- "Innovation," on the other hand, occurs if someone improves on or makes a significant contribution to an existing product, process or service.
- Innovation flows from invention.
- Innovation means an improvement in a product or process (combinations of both) that differs significantly from the previous products or processes.

National Workshop on "Intellectual Property Rights (IPR) and Innovations"

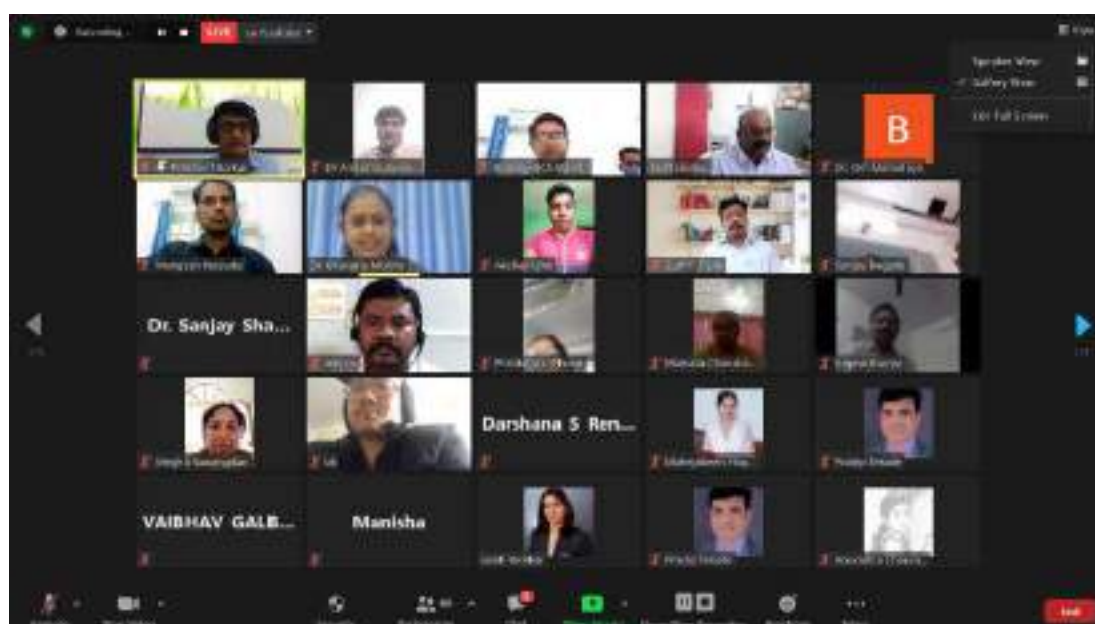
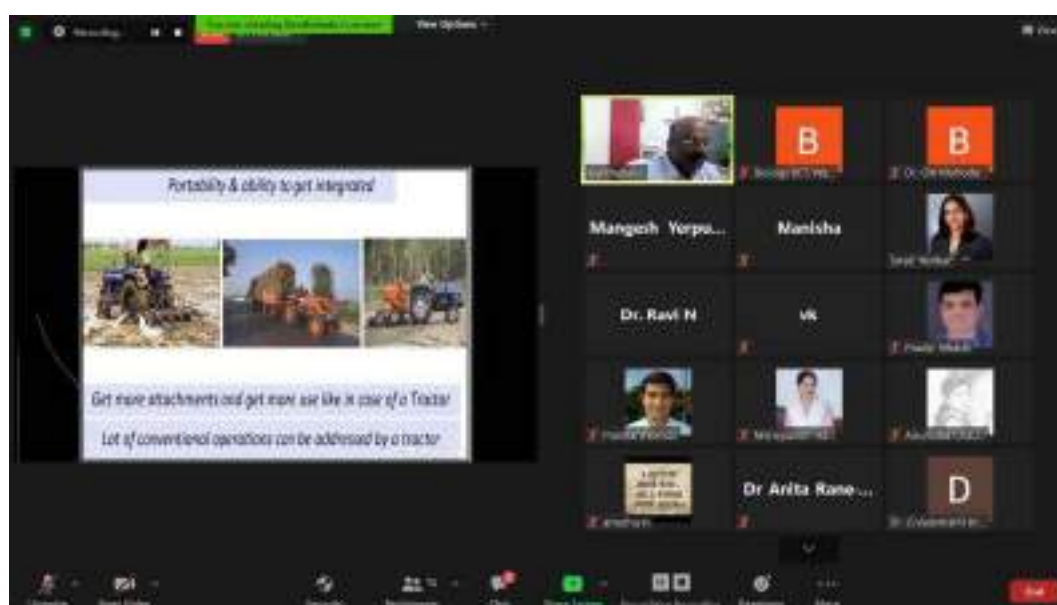
80 watching now

Bajaj College of Science Wardha
280 subscribers

Top chat


- Prof. Sandeep Sharma: Yes now sound is audible... thanks
- Jayanti Mishra: gm to all
- Amol Raut: Good morning to all.
- Dr THOTHADRI S. Dr. S. Thothadri
- INDIA YUVA CHAUPAL NEWS NETWORK: good morning
- Ziyaul Haque: good morning to all of you
- Vishwanath Panchal: good morning to all of you
- Abhimanyu Maheshwari: Participants can post their queries in the chat box... They will be asked in the Question-Answer session
- Trupti Bhute: good morning

Say something...



Online Guest lecture on “Autotrophy” by Dr. Sujata Bhargava

Department of Microbiology in collaboration with Department of Botany, Shiksha Mandal's Bajaj College of Science, Wardha (Autonomous) arranged a online guest lecture on “Autotrophy” by Dr. Sujata Bhargava, Former Professor & Head Department of Botany, Savitribai Phule Pune University, Pune on 13th August 2020 at 12.00 pm. Dr. S. S. Khandare, HOD, Department of Microbiology has brief about the lecture. Dr. Dheeraj Naik has introduced the guest. Total 78 Microbiology and Botany Postgraduate students and faculty members of both departments were present for the programme. The vote of thanks was given by Dr. B.V. Mohite



Dr. Mrs. S.S. Khandare
Asso.Professor & HOD Microbiology
Bajaj College of Science, Wardha



**Shiksha Mandal's
Bajaj College of Science, Wardha**

Report of the first Virtual Workshop on X-ray Diffraction

Event Date: 23rd July 2020 (11 a.m. to 5 p.m.)

Event Platform: Zoom Cloud

No. of Participants: 75

Convener: Dr. Om Mahodaya, Principal

Event Co-ordinator: Dr. G.V. Lakhotiya, Incharge, CIC

Resource Persons:

Dr. Pankaj Poddar, Senior Scientist, NCL, Pune

Dr. Arpan Nayak, Asst. Prof., VIT, Vellore

Dr. G.V. Lakhotiya, Asst. Prof., BCS, Wardha

Dr. M.M. Yerpude, Asst. Prof., Dept. of Physics, BCS, Wardha

The Central Instrumentation Centre, Bajaj College of Science, Wardha organized a virtual online workshop of its kind under the convenorship of Dr. Om Mahodaya, Principal, BCS on 23rd July, 2020. 125 participants (UG/PG students/research scholars/faculties/teachers) from different institutes registered for this event from which 65 deserving participants were invited to participate in the same. 10 faculty members of the institute also attended the programme. Dr. Pankaj Poddar, Senior Scientist from NCL, Pune mentored this programme and Dr. Arpan Kumar Nayak, Asst. Prof. (Physics) from VIT, Vellore was invited to deliver one of the sessions along with Dr. G.V. Lakhotiya and Dr. M.M. Yerpude of Department of Physics.

The online gathering over the zoom platform is addressed by our principal Dr. Om Mahodaya. The event started with the welcome address of our Principal Dr. Om Mahodaya who highlighted the role of CIC to promote research culture in the rural region



Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha

of Wardha where researchers and faculties face lack of facilities of characterization in material science. The first session of the program was engaged by Dr. G.V. Lakhotiya, Assistant Professor, Dept. of Physics, Bajaj College of Science, Wardha who discussed the importance of X-ray diffraction and its applications. The second session was the live demonstration of X-ray diffraction techniques from CIC where all the major steps and diffractometer functioning were explained. Third session was on the data analysis and plotting which was demonstrated by Dr. Arpan Nayak, Assistant professor, Vellore Institute of Technology, Vellore. He has introduced the functioning of X'pert Hi-score Plus software for data plotting and analysis. The phase identification in XRD analysis is among the crucial processes, taking into consideration the participants in the workshop were mainly beginners and Dr. Nayak also covered the matching of data with JCPDS/ICDD files. The fourth workshop session was conducted by Dr. Mangesh M Yerpude, Assistant Professor, Dept. of physics, Bajaj College of Science, Wardha on Rietveld Refinement Using FullProf and Crystal Structure Visualization Using VESTA. Dr. Yerpude also introduced the free softwares and database available for X-ray analysis and crystal structure visualization. The final session of the workshop was mentored by Dr. Pankaj Poddar where he addressed the queries of the participants and motivated them to explore their talent in the field of crystallography. Concluding session was conducted by Dr. Pradeep V Tekade, Associate Professor, Dept. of Chemistry, Bajaj College of Science, Wardha who also looks after all research affairs of the college. In this session, some of the participants expressed their views and valuable feedbacks for the workshop which was complemented by Principal Dr. Om Mahodaya. With the promise in bringing such knowledge sharing virtual events, the workshop ended with the Nation anthem.

Regards

Dr. G.V. Lakhotiya
Workshop Co-ordinator



A handwritten signature in blue ink, appearing to read "G. V. Lakhotiya".

Head / Incharge
Department Of Physics
Bajaj College Of Science, Wardha

Shiksha Mandal's
Bajaj College of Science Wardha (Autonomous)

Department of Microbiology

Webinar Report

Webinar on “Career Opportunities and Entrepreneurship in Bioscience” was organized by Department of Microbiology, Bajaj College of Science, Wardha in collaboration with Microbiologist Society, India on 22nd July 2020. For this webinar we got overwhelming response from our country and abroad. Total **1246** participants from 21 states and 5 countries registered for this webinar. Details of the webinar are as follows.

Webinar Topic: “Career Opportunities and Entrepreneurship in Bioscience”

Date: 22 July 2020

Organizers: Department of Microbiology, Bajaj College of Science, Wardha

Webinar platform: Zoom and live streaming on you tube.

Distinguished speakers:

1. Dr. Sanjeev Patankar, Ex Principal, SS Jaiswal College, Arjunimorgaon Dist Gondiya.

Topic: Career Opportunities and Entrepreneurship in Bioscience

2. Dr. Devendra Lingojar, Founding Director, Addetechgene Biotech Pvt. Ltd. Pune.

Topic: Success story as Bio-entrepreneur


Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

Glimpse of the Webinar

YouTube

Search

 **Shiksha Mandal's**
Bajaj College of Science, Wardha
(Autonomous)
Department of Microbiology
in collaboration with
Microbiologist Society India (MSI)
organized



Webinar

**Career Opportunities and
Entrepreneurship in Bioscience**

22nd July 2020

Welcomes You

zoom

Webinar on Career Opportunities and Entrepreneurship in Bioscience

2,014 views · Streamed live on 22 Jul 2020

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 **Shiksha Mandal's**
Bajaj College of Science, Wardha
(Autonomous)
Department of Microbiology
in collaboration with
Microbiologist Society India (MSI)
organized



Webinar

**Career Opportunities and
Entrepreneurship in Bioscience**

22nd July 2020

Welcomes You

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(Autonomous)
Department of Microbiology
in collaboration with
Microbiologist Society India (MSI)
organized



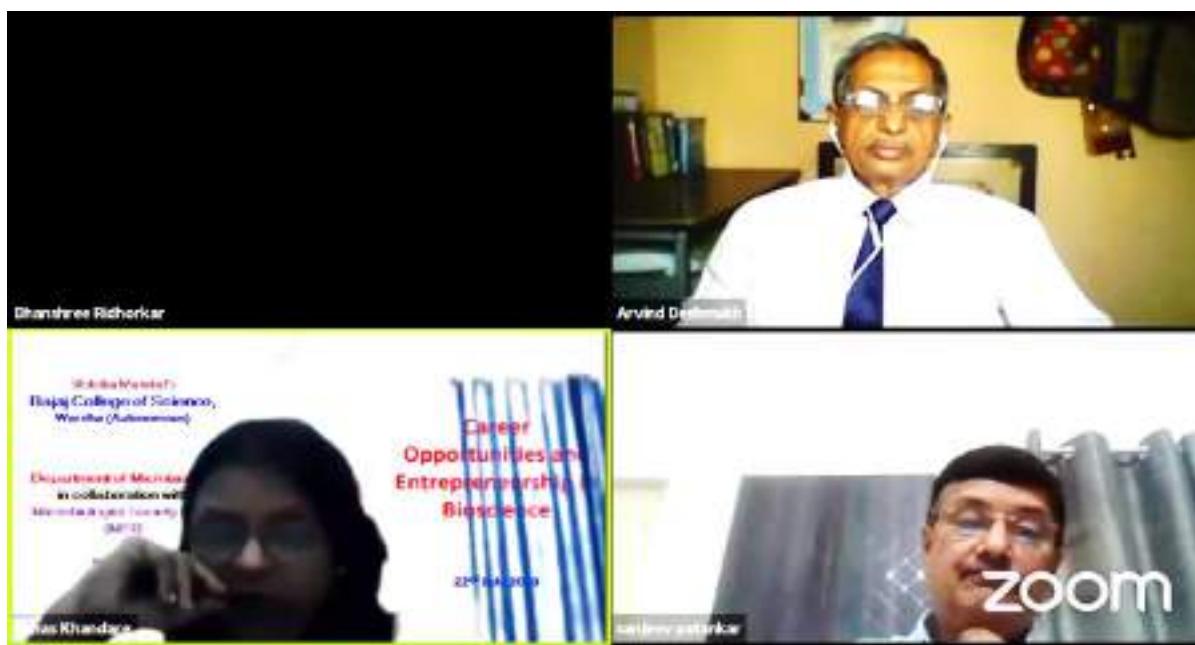
Webinar

Career Opportunities and Entrepreneurship in Bioscience

22nd July 2020

Welcomes You

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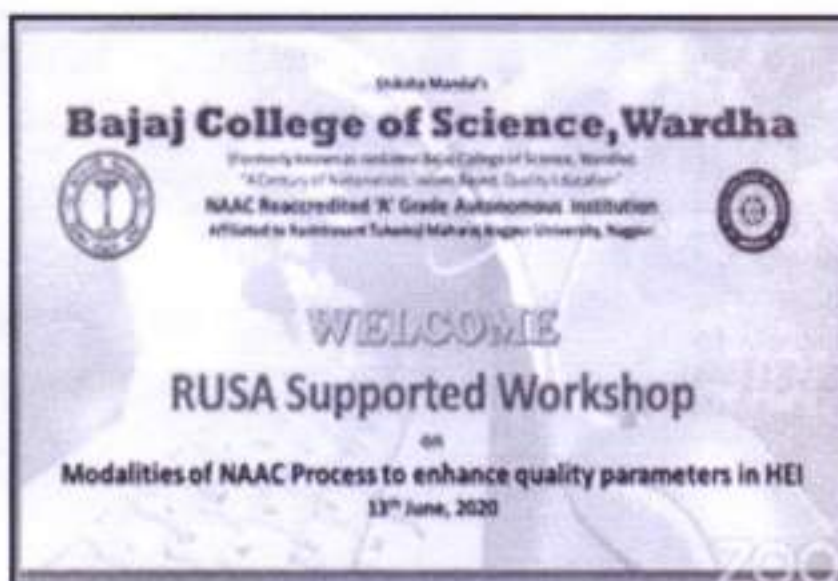

Dr. Mrs. S.S. Khandare

Asso.Professor & HOD Microbiology
Bajaj College of Science, Wardha

Head / Institute
Department Of Microbiology
Bajaj College Of Science, Wardha

**A Report on
RUSA Supported NAAC Workshop (online)
Organized by the Shiksha Mandal's Bajaj College of Science, Wardha
13th June 2020**

A RUSA supported NAAC workshop 'Modalities of NAAC Process to enhance the quality parameters in HEIs' was held at the Shiksha Mandals's Bajaj College of Science, Wardha on 13th June 2020. It was organized by the IQAC, Bajaj College of Science, Wardha in association with the RUSA, Maharashtra. Considering the Covid-19 pandemic situation, the workshop was organized online through the Zoom and You tube platforms. The objective of the workshop was to create NAAC awareness among the institutions of Wardha district.



Dr. P.N. Pabrekar, Sr. Consultant RUSA, planned the complete structure of the programme and provided the necessary support to organize the workshop. He provided the schedule and arranged the guests and resource persons. He presented the 'Concept note' for the programme.



The inaugural function was graced by the H'ble Vice Chancellor Dr. Murlidhar Chandekar, VC of Rashtrasant Tukadoji Maharaj Nagpur University and Sant Gadge Baba Amravati University, . Dr. M.K. Salunke, Joint Director of higher education, Nagpur division, presented the 'Opening Remarks'.



Principal Dr. Om Mahodaya delivered the introductory speech. He highlighted the significance and timeliness of the programme and affirmed how it will benefit the participating institutes in better preparation of NAAC assessment.

Dr. S. S. Zade, IQAC coordinator, welcomed the participants. He anchored the programme, introduced the guests and resource persons.



Three distinguished resource persons, Dr. Vijay Joshi, chief consultant, RUSA Maharashtra, Dr. Bharat Kangude, HOD Physics, B.G. College Sangvi Pune, and Dr. Vani Laturkar madam, Professor and Director, School of Management and sciences, SRTM university Nanded, shared their expertise through online PPT. They shared the PPT on the themes Role of IQAC in AA of NAAC, Documentation for NAAC, and AA of NAAC respectively. All the presentations were extremely informative and interesting and kept the participants glued to the workshop online.





The technical sessions were followed by the Q&A session, the resource persons responded to the satisfaction of the participants' queries. Principal Dr. Om Mahodaya summed up the proceedings of the workshop. Dr. P.A. Saudagar, proposed the Vote of thanks

The event got an enthusiastic response from the colleges of Wardha district as well as some other places. As many as 86 colleges participated in the workshop. Altogether there were 211 participants including 59 principals, 67 IQAC coordinators and 85 other faculty members/ management officials. The feedback and communications from the participants indicate that the workshop was extremely useful to them and helped them to apprehend the NAAC concepts clearly.



The success of the online workshop on Zoom and You Tube platforms was due to the technical support by Dr.G.V. Lakhotiya, Dr. A. A. Maheshwari, Dr. S. P. Biswas and Shri. A.H. Tandale.



(Dr. P.V. Tekade)
Off. Principal
 Bajaj College of Science
 WARDHA



Shiksha Mandal, Wardha's
Bajaj College of Science, Wardha
(Formerly known as Jankidevi Bajaj College of Science)
NAAC Reaccredited 'A'-Grade Institution
AN AUTONOMOUS INSTITUTION
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur



Department of Chemistry

Online Faculty Development Program (FDP) on "Jmol Application"

(In association with Spoken Tutorial, IIT Bombay)

A Report

Department of Chemistry organized Online Faculty Development Program (FDP) in association with Spoken Tutorial of IIT Bombay during the Pandemic situation of Covid-19 on 'Jmol Application' from 8th to 14th May 2020. Total 490 participants from different universities of India participated in this program. 255 participants from 147 colleges spanning over 18 Universities of India including one participant from Mauritius appeared for the examination. On the successful completion of the quiz, the participants were provided with an e-certificate. The Principal of the college, Dr. Om Mahodaya motivated and guided the faculty for smooth conduction of this FDP. Asstt. Prof. Mr. M. D. Bansinge, Mr. N. A. Barwatand Dr. P. A. Saudagar were co-ordinators of the program.



(Dr P V Tekade)

Convener, FDP, 'Jmol Application'
Offl. Principal
Bajaj College of Science
WARDHA

Online Faculty Development Program on Arduino
In association with Spoken Tutorial, IIT Mumbai

REPORT

Department of Electronics of Shiksha Mandal's Bajaj College of Science, Wardha organized one week Online Faculty Development Program on Arduino in association with Spoken Tutorial Project of IIT, Mumbai from 28th April 2020- 4th May 2020 to facilitate faculty, researchers and students to learn new technology during the lockdown due to COVID-19 pandemic. As our college is registered with IIT Mumbai, under Spoken Tutorial Program, we were eligible to organize faculty development program.

We have received huge response from the teachers, researchers and students across our state. Total 459 participants have registered online to this course. The participants would be given certification of participation by our college and they will receive certificate from IIT Mumbai after qualifying the test conducted by IIT Mumbai online.

This activity would definitely be useful for the teachers for their academic development and skills enhancement and their students may be benefited with this achievement.



Dr. V. V. Shinde

Convener and Head
Head / Incharge
Department Of Electronics
Bajaj College Of Science, Wardha

Statistics:

Participants	Total: 459 Male: 281 Female: 178
Professor	16
Associate Professor	41
Assistant Professor	264
Research Fellow	16
Students	92
Others	30
Participants with Ph.D.	136
Participants' University	RTM Nagpur University
	SP Pune University
	Mumbai University
	SRTM University Nanded
	Shivaji University Kolhapur
	SGB Amravati University
	PAH Solapur University
	KBC North Maharashtra University
	Symbiosis International University (Deemed)

Innervate 2020
National Conference on
Reforming Higher Education: Role of Accreditation and Autonomy
Tuesday, March 03, 2020

“Innervate- 2020”, A National Conference on “Reforming Higher Education: Role of Accreditation and Autonomy” organized by Shiksha Mandal’s premier autonomous institute, Bajaj College of Science (Formerly known as J.B.College of Science). Dr SuhasPendnerkar, Vice Chancellor, University of Mumbai was the the Chief Guest on the occasion of this programme. Dr SidharthvinayakKane, Vice Chancellor, RTMNagpur University;Nagpur was prominently present on the dais as the Guest of Honour. Shri Sanjay Bhargava, Chairman Shiksha Mandal, presided over the programme while the Chief Convenor of the event, Dr Om Mahodaya, Principal of the college and Dr Sanjeev Zade, IQAC Co-ordinator shared the dais.The eminent resource-persons, Dr Vijay Joshi, Chief Consultant, RUSA, Mumbai; Dr Rajendra Shinde, Principal, St Xavier College, Mumbai; Dr RavindrasinghPardeshi, Principal, Furgusson College, Pune and Dr Rajdeep Hande, Principal, Mithibai College, Mumbai were also prominently present.

Remembering the legacy of Mahatma Gandhi under whose leadership the nation’s first educational conference which was held in the college in 1937,DrPednekar in his key-note address added that the metamorphosis in higher education is achievable through Good Governance and it is possible through dynamic leadership. Stressing relevance of the historic heritage of the college, Dr Pednekar appreciated the best practices adopted by Shiksha Mandal in its institutes and congratulated Principal Dr Om Mahodaya for making the college as the trend-setter for others to emulate. He further mentioned that in the realm of higher education, the stakeholders should deliver what they should through innovations, introspection,technology,students’ welfare, entrepreneurship,adaptability,self-exploration and through healthy interpersonal relationships. Quoting Robert Frost’s poetic lines from ‘Road Not Taken’,he concluded that the Time has come to deliberate on issues which will create a roadmap for the Reformations in Higher Education.

Addressingthe inaugural session, the Guest of Honour, VC Dr Sidharthvinayak Kane shed light on the benefits of autonomy through statistics. Terming the institutes of higher learning as the sacred ‘Vidya-mandirs’, he appealed the erudite gathering to treat our institutes like our Mother.

Chairman Shri Sanjay Bhargava, in his Presential address, asked the stakeholders to strike a balance between industry and institutes. The purpose of education is development and our own thought-process is central for the development, he asserted. He breathed the optimism that the global economy and social mobility can be boosted through the quality of people, work- culture and education. But the absolute truths and the basic principles must be clear in education. The responsibility rests with the institutions. He appealed the gathering to introspect, have a clear concept, identify the role and deliver the best quality. Talking about the need for excellence in the sphere of higher education, he reaffirmed in conclusion, “We will keep the lamp of knowledge burning”.

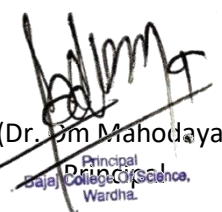
Addressing the experts and delegates, the eminent academician Dr Joshi, Dr Shinde, Dr Pardeshi, and Dr Hande presented the plenary talks on the major thrust area in the field of Accreditation and Autonomy in post-lunch brainstorming session. The resource persons also briefed the best practices adopted by them in their respective colleges. The plenary talks were summarized by the chairpersons, Dr Rajendra Shinde and Dr Mrs Jyoti Patil.


Earlier, Dr Om Mahodaya, in his introductory speech, outlined the purpose of the conference by his thought-provoking speech. The conference started off with rendition of RTM Nagpur University song. A documentary on the past academic journey and the achievements of the college since 1962, was presented. The e-souvenir was released at the hands of dignitaries. 49 Principals and IQAC coordinators attended the conference.

The Poster Presentation competition was also organized during the conference. The first prize was bagged by Miss AnusreeSaha and Dr Rashmi Mukherji hailing from RNK Womens' College, Medinipur, West Bengal. The second prize went to Dr Archana S. Masram and Dr Zeenat N. Kashmiri from L.A.D. and Smt R.P. College for Women, Nagpur. Prof Bhairavi Bhoyar from Shroff College of Arts, Valsad, Gujarat; D.R. Meshram, off Principal, Tirpude College, Nagpur and Dr R. Madhavi, CSD St. Theresa's College, Eluru, Andhra Pradesh worked as the distinguished judges in a panel of jury and also presented their feedback speeches.

Dr Vishal Sharma and Dr. Mahejabeen Haque conducted the proceedings of inaugural session while Dr Sanjeev Zade proposed the vote of thanks. Dr Vilas Shinde conducted the proceedings of plenary session while Dr Parvez Saudagar, proposed the vote of thanks. Dr Pradeep Tekade conducted the prize distribution ceremony.

Dr Sanjeev Zade, IQAC Co-ordinator of the College, Dr M.R. Chandrakar, Co-ordinator and Dr Parvez Saudagar, Organizing Secretary of the conference, with their efficient team strove hard and took efforts making the event grand success. Many stalwarts and experts, Principals of different colleges, IQAC Co-ordinators, participants, teachers and volunteers graced the conference in huge number.


(Dr. Om Mahodaya)
Principal
Bajaj College of Science,
Wardha.



Innervate 2020

A National Conference on Reforming Higher Education :Role of Accreditation and Autonomy

Date : 03/03/2020

(Inauguration and Plenary Talks)



Inauguration of e-Souvenir



Key note speech by Dr. Suhas Pednekar, Vice Chancellor, Mumbai University



Plenary Talk :Dr. Rajpal Hande,
Principal, Mithibai College, Mumbai



Plenary Talk :Dr. Vijay Joshi
Chief Consultant, RUSA



Plenary Talk :Dr. Rajendra Shinde
Principal, St. Xavier's College, Mumbai



Plenary Talk :Dr. Ravindrasing Pardeshi
Principal, Fergusson College, Pune

Innervate 2020

A National Conference on Reforming Higher Education :Role of Accreditation and Autonomy

Date : 03/03/2020

(Poster Presentation and Prize Distribution)



Poster Presentation



Poster Presentation



Prize Distribution : Poster Presentation



Prize Distribution : Poster Presentation

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

Workshop on "Different grants like Biotechnology Ignition Grants (BIG), BIRAC Grants"

A guest lecture of Mr. AthravPatankar from SINE, IIT Bombay was arranged on 27th January 2020. He talked on for students like Biotechnology Ignition Grants (BIG), BIRAC grants, Selection and Mentoring of the student's projects that may help to nurture incubation centres. Total 168 students attended this lecture. Among them 25 students were from our sister concern institute Agriculture College Pipri, Wardha. The whole lecture was very interactive and students of MSc Microbiology showed their interest to become a part of such grants.



Workshop by Mr. AthravPatankar from SINE, IIT Bombay

hiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

Seminar on "Career Scope In Clinical Research and Medical Coding"

To let the students know about new avenues in the field of Microbiology guest lecture of Mr. Sharad Halmare and Anjali Patle from SPRUCE, Nagpur arranged on 25th January 2020 on "Career Scope In Clinical Research, Pharmacovigilance and Medical Coding." Another lecture of Mr. Athrav Patankar from SINE, IIT Bombay was arranged on 27th January 2020. He talked on different grants for students like Biotechnology Ignition Grants (BIG), BIRAC grants, Selection and Mentoring of the student's projects that may help to nurture incubation centres. Total 168 students attended this lecture. Among them 25 students were from our sister concern institute Agriculture College Pipri, Wardha. The whole lecture was very interactive and students of MSc Microbiology showed their interest to become a part of such grants. Dr. Sanjeev Patankar (Retd. Principal, Jaiswal College Arjuni Mor, Dist- Gondia) delivered lecture on "Fermentation Kinetics" on 12th March 2020. The lecture was organised by Micro-Biotech Society at Department of Microbiology. Total 37 postgraduate students attended the Guest Lecture.



Guest Lecture by SPRUCE Medical Coding Coaching Centre, Nagpur


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Department of Microbiology
Bajaj College of Science, Wardha

Shiksha Mandal's

Bajaj College of Science, Wardha

Report on

Two days workshop on "Scientific Writings: Beginner's Approach"

(For M. Sc. Students)

Date: 13th – 14th September 2019

P.G. Department of Chemistry in association with P. G. Department of Life sciences, Bajaj College of Science Wardha organized two days workshop on "Scientific Writing: Beginner's Approach" for M.Sc. students on 13th – 14th September 2019. Chairman of Workshop, Dr. Om Mahodaya, Principal, Bajaj college of Science, Wardha inaugurated the event with his key note address. Dr. Mrs. N. P. Mohabansi worked as convener. The workshop received overwhelming response from college PG students. Total 78 MSc Sem III students from Chemistry, Botany, Zoology and Microbiology departments participated in this workshop. Scientific research occupy central place in the higher education and is one of the way to create a good human resource for future generation. Projects at Master level programs forms its foundation for beginner. Hence, for beginner it becomes necessary to have thorough understanding about scientific research and its various key aspects such research paper, its reading, searching, citation, h-index, references, manuscript, ethics, synopsis, thesis etc. So, keeping in view the above need of beginner, this workshop was organized. Total 8 faculties delivered talks on various key aspects such IPR, Literature survey/reading, Plagiarism, Experimental design, Research Methodology, Citation, h-index, References, Manuscript writing, Ethics etc. Session on "Hands on training on Chem Sketch /Chem Draw and MS Excel" were also conducted by resource persons.



Dr. Mrs. N. P. Mohabansi
Convenor and PG-coordinator
Department of Chemistry
Co-ordinator
P. G. Department Of Chemistry
Bajaj College Of Science, Wardha



Dr. P. V. Tekade
HOD/ Incharge
Department of Chemistry
INCHARGE
Department of Chemistry
Bajaj College of Science
WARD

The schedule of the workshop was as follows:

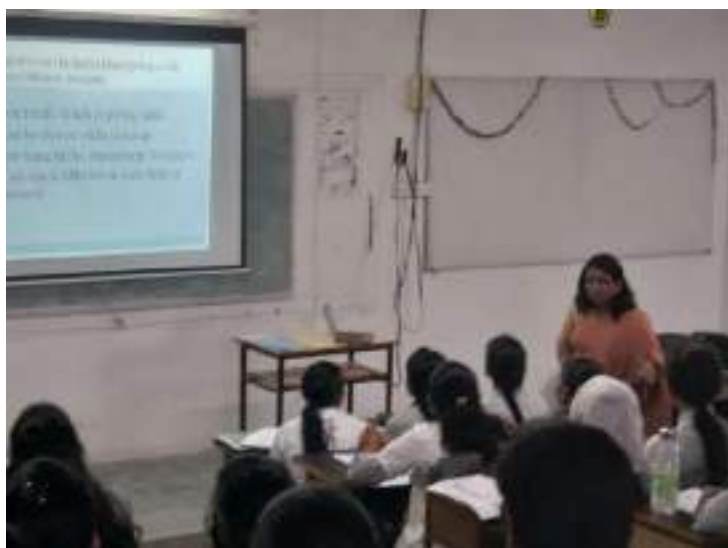
Date- 13th September 2019 (Venue : Old Seminar hall)

Time	Topic
10.30 -11.00 am	Inauguration
11.00 a.m. - 12 noon	Search before Research: Dr. D.D. Naik
12 noon - 1 p.m.	Technical Writing and Plagiarism: Dr. G.V. Lakhotiya
1.00 p.m. - 2.00pm	Citation, h-index, Impact factor, IPR: Dr. P.V. Tekade/ Dr. P.G. Borkar
2 pm - 2.30 pm	Lunch Break
2.30 pm - 3.30 pm	Experimental Design : Dr. A.D. Theng
3.30 pm - 4.30 pm	Research Methodology: Dr. P.G. Borkar / Dr. P.V. Tekade

Date- 14th September 2019 (Venue : Room No. 7)

Time	Topic
8.00 am - 9.00 am	Manuscript Preparation and process of publication: Dr. D. D. Naik
9.00 am - 10.00 am	Designing scientific posters: Dr. Suhas Khandare
10.00 am-11.00 am	Chem Sketch /Chem Draw: Prof. M.D. Bansinge
11.15 pm-12.15 pm	Hands on training of MS- Excel: Dr. N. P. Mohabansi
12.15 am - 1.15 pm	Let's Do it! : Dr. L. P. Dalal, Dr. Ms. Mamta Chandrakar, Dr. Ms Ulka Bidwai, Dr. K. M. Dadure, Prof. N.A. Barwat, Ms. B. U. Tale
Lunch Break	1.15 pm- 2.15 pm
Valedictory	2.30 pm - 3.00 pm

Photos of some events of Workshop



Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

Seminar on "Career Alternatives in Life Sciences"

The Microbiology-Biotechnology Society inaugurated on 31st August 2019, Saturday at 11.00 am at Gandhi Memorial Hall at the hands of Dr. Supriya Kashikar, Founder and CEO of Genext Genomics Laboratories. She delivered a guest lecture on "Career alternatives in life Sciences." Total 90 students of B.Sc. and M.Sc. Microbiology and B.Sc. Biotechnology were present. On this occasion, Microbiology-Biotechnology student unit formed. Mr. Aaditya Bhaskarwar selected as president while Ms. Arundhati Das selected as a secretary.



Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

Scintillation'19

REPORT

Bajaj College of Science, formerly known as Jankidevi Bajaj College of Science, Wardha organizes a State Level Students' Seminar Competition "Scintillation" every alternate year. The aim of this event is to provide an academic platform to the students of B. Sc. to explore their knowledge and skills.

The Scintillation'19 was organized by the college on 19th March 2019 in the college premises. The theme of Scintillation'19 was "Current Trends in Basic Sciences" in which the competition was organized in seven different streams viz. Physics, Chemistry, Mathematics, Electronics & Computer Science, Botany, Microbiology & Biotechnology and Zoology.

Total 129 participants registered online for different streams using Google forms. After scrutinizing these forms 112 participants were selected for this competition. All the necessary arrangements for the event were made by students, faculty and non-teaching associates of the college well in time.

On the day of event, transportation facility was made available for the participants from Railway Station and Bus Stop along with food. The seminar venues were well decorated using posters, models and rangoli based on their subject by the students' coordinators and volunteers. The participants were well prepared and excited for this event and delivered their seminar nicely. Each participant was evaluated by the team of judges appointed by the college for the said purpose who have selected four top rankers from each stream.

The prize distribution ceremony was organized in the Gandhi Memorial Hall of the College. Dr. R. K. Gupta, Director, MGIRI, was the Guest of Honor and the function was presided over by Principal of the college Dr. Om Mahodaya. For each stream, four prizes were given including two consolation prizes. Thus total 28 winner participants were felicitated and awarded prizes. Besides prize winners, certificates of participation were also awarded to each participant.



Incharge / Co-ordinator
Department Of Computer Science
Bajaj College Of Science, Wardha

Dr. P A. Saudagar
Convener, Scintillation'19

[illegible]

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

International Webinar on "Trends in Genetic Modification"

One day International Webinar on Trends in Genetic modification arranged on 9th February 2019. Dr. Usha B. Zehr, Director and Chief Technology officer at Maharashtra Hybrid Seed Company Private Limited (MAHYCO), India delivered the topic: Plant Breeding Innovation: Advances in Agriculture, Dr. Tanzima Yasmin Professor, Dept. of Biochemistry and Molecular Biology, University of Rajshahi, Rajshahi, Bangladesh delivered topic: GMO and General Concerns, Prof. Dr. Abdullah Mohammad Sohael, Dept. of Biochemistry and Genetic Engineering, Jahangirnagar University, Savar, Dhaka, Bangladesh talked on Optimization of Genetic Engineering approach for Disease Resistance in Citrus and Suhas Bharat Sutar from Institute of Crop Science, Chinese Academy of Agricultural Sciences, Beijing, China Talked on CRISPR/Cas9 mediated editing of Wheat. These Webinars were interactive and prove to be beneficial for PG students of Microbiology, Botany and Zoology. Total 60 Post graduate students were benefited by the webinar.


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Department Of Microbiology
Bajaj College Of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

Seminar on "Transformation in Bacteria"

Department of Microbiology organized a seminar under Industry-Academia on "Transformation in bacteria" by Dr. Girish Pai, Molecular biology specialist, Molecular biology section, Hi Media laboratories Pvt. Ltd, Mumbai on 7th February 2019. 79 PG students from Microbiology, Botany and Zoology participated and learned the techniques.


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

JANKIDEVI BAJAJ COLLEGE OF SCIENCE, WARDHA
DEPARTMENT OF CHEMISTRY (SR. COLLEGE)
EDUCATIONAL TOUR

Report


To inculcate research, idea and to enrich acknowledgement of student about industrial work for job placement after completion of education, one day educational tour to **Bajaj Superteck India Ltd. , MIDC, Hingana Road, Nagpur**, was organised for P.G. students on Thursday, 7th February, 2019. Thirty Six students along with four staff members visited to Bajaj Superteck India Ltd. , MIDC, Hingana Road, Nagpur.


Bajaj Superteck India Ltd. Nagpur, is ISO 9001:2015 certified company TUV NORD and one of the leading Manufacturer and supplier of Master batches of Polypropylene Woven fabrics, Injection and Blow moulded products, TiO₂ UV and for Non-woven. In this industry we visited to Quality Control (Q.C.) and Production Division.

Security Instructor was delivered information regarding rules, regulation and safety aspect to the students and faculty. In QC division Dr. Sudhir Bhoyar (R & D Head and Manager) gave information about manufactured products and demonstrated various manufacture machines utilized for manufacturing different products of plastics. He also gave knowledge about quality, infection, and testing of raw material and products.

Following quality testing performed in Q.C. division for raw material and products.

1. Melt Flow Index (MFI) – Utilized for determination of molecular weight of polymer.
2. Migration Property – Test performed by using UV Tester.
3. Colour & Odour Test
4. Colour Depth Test
5. Opacity Test
6. Heat and Light Fastness
7. White / Yellow Index
8. Melting point and Humidity and ash content.


Dr. Mrs. N. P. Mohabansi
PG Co-ordinator
Department of Chemistry
Bajaj College Of Science, Wardha


Dr. P. V. Tekade
In-charge
INCHARGE
Department of Chemistry
Bajaj College of Science
WARDHA



Group photo in college campus



Group photo in Bajaj Superpack India Ltd. Na



Report of Edubridge programme conducted at Botany Department J B College of Science.

Edu-bridge have been supported by National Centre for Cell Science, Pune from the last three years. Department of Botany had conducted two day workshop entitled as 'Introduction to Bioinformatics and Drosophila behavioural genetics' in month of January of 2019. Dr. Gaurav Das had given one lecture on Drosophila behavioural genetics as well as 'Drosophila as model organism'. Dr. Das had conducted hands on session on handling of Drosophila flies and showed various demonstrations of choice assays for test and odour. With his training, BSc and MSc students learned to handle Drosophila flies and experienced various Drosophila experiments.

On the other day, Dr. ArunKarthik had talked on 'Introduction of quantitative microscopy' and discussed on various aspects of fundamental and advanced microscopy and their applications. Dr. ArunKarthik had conducted hands on session on image analysis using various microscopy images. Total 40 MSc students from botany department were benefited by this workshop.



Dhabandi

Head / Incharge
Department of Botany
Bajaj College of Science, Wardha



Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology


REPORT

**One Day Workshop on "Isolation of genomic DNA & PCR" Under Edu-bridge
programme between JBCS, Wardha & NCCS, Pune**

In DBT star programme under Edu-Bridge between JBCS-NCCS, Pune, department of microbiology organized one day workshop on "Isolation of genomic DNA & PCR" on 14th January 2019. Dr. Shrikant Pawar demonstrated as well as delivered the lecture on Isolation of genomic DNA from bacteria and PCR techniques Total 56 students of M. Sc. IV semester of Microbiology, Botany and Zoology were attended the workshop.



Workshop on "Isolation of genomic DNA & PCR"


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Department Of Microbiology
Bajaj College Of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

One Day International Webinar on "Ingress into Industry"

One day **National Webinar on Ingress into Industry** was arranged for the students which was organized by K.K. Wagh Arts, Commerce, Science and Computer Science College, Nashik in collaboration with Microbiologist Society of India on 28/12/2018. Mr. Kapil Kulkarni, Deputy Manager, Quality Control, Serum Institute, Pune covered the topic "Vaccine Industry - An Overview". Mr. Kakasaheb Kore, Asst. Prof. Bhore Pharmacy College delivered "Career, Scope and Responsibilities of Microbiologists in Bioindustries". "Career Orientation for Microbiology Students in Health Care Industry" was covered by Mr. Prasad Talware, Area Nutrition Manager, Danone Nutricia Pvt. Ltd. Dr. R.D. Joshi, Vice Principal and H.O. D. Microbiology, Yogeshwari Mahavidyalaya, Ambojogai delivered the topic Interview skills. Total 60 Post Graduate students attended the programme.


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Department Of Microbiology
Bajaj College of Science, Wardha

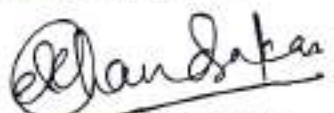
Shiksha Mandal's Bajaj College of Science, Wardha.
Department of Zoology
Workshop and Lecture
2018 - 19

Under the banner of Edu-Bridge Programme, Department of Zoology in association with NCCS, Pune organized guest lecture of Dr. Abhitabha Mujumdar (Scientist D) NCCS, Pune on December 21, 2018.

Principal Dr. Om Mahodaya presided as a chairman. The program was conducted by Ms. Mehnaz Ali (M.Sc. II year student) Shri. V. P. Khandwekar gave introduction of chief guest Dr. Abhitabha conducted two session in first session he introduced students with *Drosophila* a potential genetic study model organism, he also give emphasis on mutants & their importance in genetic study.

While in second session he explored circadian rhythms & its genetic controls students from PG departments 120 students benefited from the programme.




Head / Incharge
Department Of Zoology
Bajaj College Of Science, Wardha

Internal Quality Assurance Cell (IQAC)
&
Department of Computer Science

Jointly Organizes

A One Day Workshop on MOOCs and Moodle

Date: Friday, October 12, 2018

Venue: ICT Centre

:: Program Schedule ::

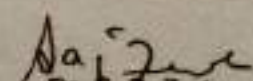
Day	Session	Time	Activity and Hands-on	Resource Person
Friday, October 12, 2018	I	12:30pm to 2:00pm	<ul style="list-style-type: none">▪ Creating Moodle Account▪ Adding Course Creator/Teacher▪ Creating Course▪ Adding Content to course▪ Adding Participants	Prof. M. D. Bansinge
	II	2:30pm to 3:30pm	<ul style="list-style-type: none">▪ Adding Resources▪ Adding Assignment▪ Adding Quiz	Dr. P. A. Saudagar
	III	3:30 pm to 4:30pm	<ul style="list-style-type: none">▪ Student Login▪ Submitting Assignment▪ Attempting Quiz by student▪ Grading Assignment▪ Exporting Assessment Sheet	Prof. M. D. Bansinge
	IV	4:30pm to 5:00pm	<ul style="list-style-type: none">▪ Q&A	Prof. M. D. Bansinge Dr. P. A. Saudagar

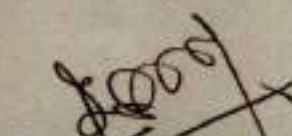
Resource Persons for the workshop:

Prof. M. D. Bansinge, Department of Chemistry

Dr. P. A. Saudagar, Department of Electronics

All faculty Members (including contractual staff members) are supposed to take benefit of this workshop.


Dr. S. S. Zade
Co-ordinator, IQAC


Dr. Qm Mahodaya
Principal

REPORT

ONE DAY WORKSHOP ON MOOCs & MOODLE

October 12, 2018

A one-day workshop on MOOCs & Moodle has been organized by the Department of Computer Science, the Department of Chemistry, and IQAC on Friday, October 12, 2018, at the ICT Centre of Jankidevi Bajaj College of Science, Wardha.

Shri. M.D. Bansinge, Assistant Professor, Department of Chemistry, and Dr. P.A. Saudagar, Dept of Electronics were the resource persons.

The workshop was conducted in four sessions. Session I was addressed by Shri. M.D. Bansinge. In this session, creating moodle account, adding a course creator/teacher, creating a course, adding content to the course, and adding participants have been discussed.

In the 2nd session, Dr. P.A. Saudagar discussed adding resources, adding assignments, and quizzes.

In the 3rd session, Shri. M.D. Bansinge discussed student login, submitting assignments, attempting quizzes by students, grading assignments, and exporting assignment sheets.

The 4th session was a question and answer session which was addressed by Dr. P.A. Saudagar and Shri. M.D. Bansinge.

All the faculty members attended the workshop.




IQAC Coordinator


Incharge
Department of Chemistry


Coordinator
Department of Comp. Science

Jankidevi Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Ranked 88th by NIRF, Ministry of HRD, New Delhi

Office/Fax : (07152) 230515

Admn. Off. : (07152) 241696

Library : (07152) 255070

E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org

Ref No. J.B.C./Innervate-2018/2017-18



Jamnalal Bajaj Mai
Civil Li

Wardha - 442 001 (Maharashtra)

Uni. College No. : 80

Jr. College No. : 07-01-0

Date : 07 / 03 / 2018

REPORT - INNERVATE 2018

Innervate 2018 - A national seminar 'Accreditation and Autonomy : Ways and Constraints' was organized by IQAC of Jankidevi Bajaj College of Science on 5th March 2018. Shri Sanjay Bhargava, Chairman, Shiksha Mandal presided over the function. Dr. Pramod Yeole, Pro-VC, RTMNU was the Chief Guest. Dr. Niraj Khati, COE, RTMNU was the Guest of Honour. The event was graced by Dr. Apoorva Palkar, Advisor, HRD/SIMACES, Mumbai. Keynote addresses were delivered by esteemed Resource persons- Dr. Ganesh Hegde, Deputy Adviser, NAAC, Bangalore and Dr. Vijay Joshi, Principal, K.J. Somaiya College, Mumbai. Principal Dr. Om Mahodaya, was the Convener while Dr. S.S. Zade was the Organizing Secretary. Chief Guest Dr. Pramod Yeole, Pro-VC, RTMNU opined that University and a autonomous institutes should not be just a Centre of Convocation where only degrees are awarded but it should be a Centre of Innovation where the skill-oriented need based courses should be run". Dr. Apoorva Palkar, opined that Autonomy can give the institutes the courage to be independent. She also informed about various schemes and initiatives of the Government such as Start-ups and globalization of education. Dr. Ganesh Hegde guided the gathering on the revised accreditation framework while Dr. Joshi stressed the importance of autonomy. Shri Sanjay Bhargava in his presidential address opined that autonomy brings more responsibility and we should look for quality not just convenience.


(Dr. Om Mahodaya)
Principal /
Convenor, Innervate 2018
Principal,
Jankidevi Bajaj
College of Science, Wardha

INNERVATE 2018

NAAC -UGC Sponsored National Seminar on

Accreditation and Autonomy : Ways and Constraints

Monday 5th March, 2018

Organized by



IQAC
Shiksha Mandal's

Jankidevi Bajaj College of Science
(Autonomous)

Jamnadal Bajaj Marg, Civil Line, Wardha (MS)



KEYNOTE SPEAKERS

Dr. Ganesh Hegde

Deputy Adviser,
NAAC, Bangalore

Dr. Vijay Joshi

Principal,
K. J. Somaiya College of Science and Commerce, Mumbai

CHIEF GUEST

Dr. P.G. Yeole

Pro. Vice-Chancellor,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

GUEST OF HONOUR

Dr. Niraj Khatri

COE,
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

SPECIAL INVITEE

Dr. Apoorva Palkar

Advisor, IIR / SIMACES (International Learning Centre),
Higher Education, Mumbai

ORGANISERS

PATRON

Shri. Sanjay Bhargava

Chairman, Shiksha Mandal

CONVENOR

Dr. Om Mahodaya

Principal

ORGANIZING SECRETARY

Dr. S. S. Zade

Co-ordinator, IQAC

REGISTRATION

Your presence and involvement will pay the values. No registration fees.

[Two participants preferably Principal, IQAC coordinator/Sr. faculty from an institution are expected.]

Kindly mail name of the participants, designation, college address, email, mobile No. to innervate.bcs@gmail.com

Last Date of Registration: 3rd March 2018

SCHEDULE

09:30 to 10:15 Registration and Breakfast
11:30 to 12:45 Keynote 1 – Dr. Ganesh Hegde
01:15 to 02:15 Lunch
02:15 to 03:30 Keynote 2 – Dr. Vijay Joshi
04:30 to 05:00 Feedback and Vote of Thanks

10:30 to 11:30 Inauguration
12:45 to 01:15 Interaction Session
03:30 to 04:30 Interaction Session

- An Autonomous College
- NAAC (UGC) Reaccredited 'A' Institution (CGPA 3.21)
- Star College Status by DBT Govt. of India

- A Linguistic Minority College
- College with Potential for Excellence
- NIRF All India Rank 88th

Phone/Fax : (07152) 230515, E-mail : jbsciencewardha@yahoo.co.in, website : jbsw.shikshamandal.org

Jankidevi Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

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website : jbsw.shikshamandal.org



Ref No. J.B.C./ /2018-2019

Jamnaji Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003
Date : 20 / 01/2018

To,

Dr. Ravindra Moghe,

Senior Scientist, Ankur Seed Pvt. Ltd.

Nagpur(M. S).

Dear Sir,

It gives me immense pleasure to invite you for the workshop on Biofertiliser and Biopesticides. As you are one of the expert in this field. The said workshop is organizing by our Botany department in college on date 02/02/2018 for B.Sc. Final and M. Sc. Final students. We will look forward, so that our students will benefit through this workshop.

With regards,

Date :- 02 Feb. 2018.

Time :-10.00 am to 4.00pm

No. of Students:- 35

Dr. Pratibha F. Dhabarde

Dr. Pratibha F. Dhabarde

Head, Department of Botany.

Contact No. Mobile:- 9822467670

(Dr. Om Mahodaya)

Principal
J.B. College of Science
WARDHA

Jankidevi Bajaj College of Science, Wardha

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Jamnala Bajaj Marg,

Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Ref No. J.B.C./ /2018-2019

Date : 02/02 /2018.

Certificate

This is to certify that Dr. Ravindra Moghe, Senior scientist, Ankur seeds Pvt. Limited, has conducted the workshop on 'Biofertiliser and Biopesticides', on dated 02/02/2018 at Department of Botany, Jankidevi Bajaj College of Science, Wardha (M. S).

With regards.

(Dr. Om Mahodaya)

PRINCIPAL
J.B. College of Science
WARDHA

Date :- 02 Feb. 2018.

Jankidevi Bajaj College of Science, Wardha

Department of Botany

Workshop Report

(Dated- 02/02/2018)

Department of Botany, J. B. College of Science, Wardha, has organised the workshop on dated 02/02/2018. Dr. Ravindra Moghe, Sr. Scientist, Ankur Seeds Pvt. Lit., Nagpur were the experty for this workshop. About 35 students of B. Sc. III and M. Sc. Final (List attach) were present for this workshop. Through this workshop the students had learnt the preparation of inoculums, process of biofertiliser production, and bio-pesticides production. Through this workshop students got the knowledge of making the biofertilisers and bio-pesticides for their fields.


Dr. Pratibha F. Dhabarde.

Head, Department of Botany

Encls:

1. List of B.Sc. Sem -VI and M. Sc. Sem-IV.

Jankidevi Bajaj College of Science, Wardha

Department of Botany

1. List of Students B.Sc. Sem-VI

S.N.	Name of Student
01	ALFIYA AZIZ SHEIKH
02	ASH WINI SANJAY CHALANKAR
03	AYESHA ZAKIR ALI
04	BHAVANA MANGAL TALWEKAR
05	DHANSHRI JANRAO DEOGHARE
06	DIVYA DILIPRAO JARODE
07	GAYATRI SHRIDHAR BHABUTKAR
08	HEMLATA PURUSHOTTAM WANJARI
09	JYOTI VIJAY RATHI
10	MANIJA DAMODHAR TADAS
11	NISHA VITTHAL CHAPDE
12	PUNAM VIKASRAO ANDANKAR
13	RAGINI KISHOR TIPLE
14	SAMPADA SUDHIRRAO JOSHI
15	VENUS HARIDAS TUPATE
16	VISHAKHA VILASRAO WAKE
17	ANUP GUNDARAM MATE
18	HARSHAL MUKUNDRAO BELKHADE
19	SURENDRA SINGH SOHAN SINGH RAIPUROHIT
20	VINAY ZIBAL REWATKAR

2. List of Students M.Sc. Sem-IV.

S. N.	Name of the student		
1	A	V	WASEKAR
2	A	V	RAJURKAR
3	A	A	PISSUDE
4	C	M	WADATKAR
5	D	S	BHOYAR
6	G	P	SHASTRAKAR
7	M	R	NAGTURE
8	M	R	KANGALE
9	P	A	SONTAKKE
10	S	S	PETARE
11	S	D	RAUT
12	S	V	GIRDE
13	T	V	DIGHDE
14	U	P	WANDHARE
15	V	K	ZADE

Jankidevi Bajaj College of Science, Wardha

P. G. Department of Microbiology

Industry-Academia Meet: Rajiv Gandhi Biotechnology Centre (RGBC), Central Citrus Research Institute(CCRI), and Government Institute of Forensic Science, Nagpur.

2nd February 2018.

Report

Department of Microbiology has organized an educational tour under industry-academia programme on 2nd Feb.2018. Total 40 post graduate students of semesters II and IV along with PG Coordinator Dr. Ulka Malode and faculty, Mr. Suraj Kombe visited Rajiv Gandhi Biotechnology Centre and Central Citrus Research Institute Nagpur. Students get benefited by this tour since they come to know the working and different sectors in research institute. At Rajiv Gandhi Biotechnology Centre, students visited Central Research and Development laboratory, Gene Laboratory and Animal Tissue Culture Laboratory. The students came to know working of PCR, Horizontal Electrophoresis, Lyophilizer etc. Consultancy officer at Rajiv Gandhi Biotechnology Centre demonstrated the Production of Biofertilizer and biopesticides. Dr. Arti Shanware, Director of Rajiv Gandhi Biotechnology Centre addressed about mission, vision of RGBC and delivered a lecture on Liquid Biofertilizer.

Dr.C. N. Rao, Principal Scientist and Dr. Dhengre, Scientist at CCRI laborates the ongoing research work at Central Citrus Research Institute (CCRI). Students get acquainted with the various laboratories at CCRI such as Entomology Laboratory, Plant pathology and Nurseries. A live demonstration was arranged on the budding process of Citrus plants in nursery.

At Government Institute of Forensic Science, Prof. Milind Panchabhai addressed us about the Institute and make our visit feasible at different Laboratories by demonstrating FTIR, Research Microscope, U.V Visible Spectrophotometer, HPLC and Video Spectral Comparator (VSC) machine which is used for the analysis of Question Documents in Forensic Sciences.



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe gathered at college campus to start journey to Nagpur for Industry visit and Consultancy Officer at RGBC giving demonstration on Biofertilizer and Biopesticide Production



Consultancy Officer at RGBC giving demonstration on Biofertilizer and Biopesticide Production



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe during presentation on working of CCRI, Nagpur and Dr.Dhengre ,Scientist at CCRI demonstrating methods of biological pest control



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe at Nursery of CCRI,Nagpur



Technician at CCRI,Nagpur giving Demonstration on Budding of Citrus Plant and Dr.MilindPanchbhayee, faculty at Govt.Institute of Forensic Science,Nagpur addressing students



A lecture delivered by Dr.Arti Shanware, Director of Rajiv Gandhi Biotechnology Centre on Liquid Biofertilize and Vote of thanks delivered by Dr.U.A.Malode to Dr.Arti Shanware and team, Director of Rajiv Gandhi Biotechnology Centre,Nagpur



Students presenting a token of Love Dr.Arti Shanware and team, Director of Rajiv Gandhi Biotechnology Centre, Nagpur and Thanks giving letter and token of love on behalf of J.B.College of Science,Wardha given to Dr.C. N. Rao, Principal Scientist and Dr. Dhengre, Scientist at CCRI,Nagpur.



Thanks giving letter and token of love on behalf of J.B.College of Science,Wardha given to Dr. Khobragade,Director ,Govt.Institute of Forensic Science,Nagpur

U.A. Malode

(Dr. U.A. Malode)
P. G. Coordinator
Dept. of Microbiology

Establishment year : 1962

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Autonomous College

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website : jbw.shikshamandal.org

Ref No. J.B.C./16/2017-2018



Jamnalal Bajaj Marg,

Civil Line

Wardha - 442 003 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Date 2/12/2017

To,

Dr. Arti Shanware,
Director, RGBC, RTMNU,
Amravati Road, Nagpur.

Madam,

Jankidevi Bajaj College of Science was established in 1962 by Shiksha Mandal, with the prime objective of catering science education at Wardha. It is Grant-in-aid College affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

The college is accredited by NAAC with the prestigious 'A' grade (CGPA of 3.21) and honoured with a status of College with Potential for Excellence (CPE) by UGC, New Delhi and selected under 'Star College Scheme by Govt. of India. Recently it is conferred with **Autonomy status**. It is a Linguistic Minority institution offering undergraduate, postgraduate and Ph.D. programme in science faculty.

Department of Life Sciences (Microbiology, Zoology, Botany, and Chemistry) runs both UG and PG courses. To make our students more acquaint with current trend in research and to come across with research culture we are planning to visit your esteemed and well known institute in the month of January 2018, keeping in view the soothing academic communication with research institute and college which may help to frame a bridge between them. It's a humble request to you to provide us date as per your convenience. Our students will be more fortunate if they get chance to visit your institute which has a strong inheritance. Hope for positive reply and oblige.

Regards,

Sincerely yours,

Dr. Om A. Mahodaya

Establishment Year : 1962

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Autonomous College

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Office/Fax : (07152) 230515

Admin. Off. : (07152) 241696

Library : (07152) 255070

E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnabai Bajaj Marg,

Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Date 21/12/2017

Ref No. J.B.C./61/ 2017-2018

To,

Dr. M.S. Ladaniya

Director, Central Citrus Research Institute,

ICAR, Govt. of India,

Amravati Road, Nagpur.

Sir/Madam,

Jankidevi Bajaj College of Science was established in 1962 by Shiksha Mandal, with the prime objective of catering science education at Wardha. It is Grant-in-aid College affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

The college is accredited by NAAC with the prestigious 'A' grade [CGPA of 3.21] and honoured with a status of College with Potential for Excellence (CPE) by UGC, New Delhi and selected under 'Star College Scheme by Govt. of India. Recently it is conferred with **Autonomy status**. It is a Linguistic Minority institution offering undergraduate, postgraduate and Ph.D. programme in science faculty.

Department of Life Sciences (Microbiology, Zoology, Botany, and Chemistry) runs both UG and PG courses. To make our students more acquainted with current trend in research and to come across with research culture we are planning to visit your esteemed and well known institute in the month of January- 2018, keeping in view, the soothing academic communication with research institute and our college which may help to frame a bridge between us. It's a humble request to you to provide us date as per your convenience. Our students will be more fortunate if they get chance to visit your institute which has a strong inheritance. Hope for positive reply and oblige.

Regards,

Sincerely Yours

Dr. Om A. Mahodaya

JANKIDEVI BAJAJ COLLEGE OF SCIENCE, WARDHA (AUTONOMOUS)

P.G.DEPARTMENT OF CHEMISTRY (SR. COLLEGE)

INDUSTRY ACADEMIA MEET: UTTAM GALVA METALLICS LIMITED, WARDHA

DATE: 25TH JANUARY, 2018

Report

To inculcate Research, idea and to enrich knowledge of students about industrial work for job placement after completion of education, one day educational tour to Uttam Galva Metallics Ltd. Wardha was organized for P.G. students on Wednesday, 25th January, 2018. Thirty five students and four staff members visited to Uttam Galva Metallics Ltd., Wardha.

Uttam Galva Metallics Ltd. Wardha is one of the largest manufactures of cold rolled steel and galvanized steel in India. In this industry, the faculty and student visited to Quality Control (Q.C.) Division of Uttam Value Steels Limited (previously known as Lloyds Steel Industries Limited). Security instructor Mr. Amitendra Dwivedi delivered information regarding rules, regulations and safety aspect to the students and faculty. They provided safety helmet and Leather shoes to students and faculty. In QC division, we visited to following NABL Aggregated Laboratories.

1. Chemical Laboratory
2. Polishing Laboratory
3. Spectral Laboratory
4. Physical Laboratory
5. Q.C. Workshop
6. Environmental Laboratory

In Chemical Lab. Mr. K. Wadkar demonstrated the strohlein apparatus. This apparatus is used to determine carbon and sulphur in metallic alloy. Information about tubular furnace, fume hood and operation procedure of macro weighting balance was also provided.

In Polishing lab, Mr. K. Wadkar gave information about utility of polishing machine. This machine is utilized for the preparation of cube material of metallic alloy, required for the spectral analysis of metal alloy. In spectral laboratory, Mr. Wadkar gave the demonstration and information about working and principle of Spectro Analytical Instrument. This instrument is

utilized for the analysis of various elements such as Sulphur, Nitrogen, Hydrogen, and Oxygen etc. in Metallic alloy.

Mr. Gosh gave information about Physical laboratory regarding different parameters i.e. Tensile strength, Compressive and Bend Properties, Impact test, Bending and Folding, Metal susceptibility in high and low temperature etc. Mr. Gosh demonstrated different types of physical testing Machine such as Rocked Hardness testing, Universal testing machine, Impact testing machine, Bending and folding machine and Erichsen Cupping Machine. He also gave information about handling and utility of liquid nitrogen for determination of strength capability of metal at low temperature. In Q.C. workshop, the instructor gave information of preparation of metal job for physical testing. We have collected information related to air and water pollution in the Environmental Laboratory and related to the test parameters to analyze various types of water and air pollutants released from the industry.

This tour enriched the knowledge of students about Industry and working of various sophisticated Instruments.



Visit to Uttam Galva Metallics Limited, Wardha



Demonstration of Metal Polishing in Polishing Lab.



Demonstration of Physical Lab. Instruments



Demonstration in Chemical Lab. and Spectra Lab.

Atali

H.O.D

Head / Incharge
Department of Chemistry
J. B. College of Science
WARI

Co-ordinator

Co-ordinator
P.G. Department of Chemistry
P. G. Depart
J. B. College of
WARI

Year : 1962
Shiksha Mandal's
Jankidevi Bajaj College of Science, Wardha

Autonomous College
A Linguistic Minority College
Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore
College with Potential for Excellence, UGC, New Delhi
Star College Scheme by DBT Govt. of India, New Delhi
Ranked 88th by NIRF, Ministry of HRD, New Delhi



Jamnalal Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
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Jr. College No. : 07-01-003

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Library : (07152) 255070
E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org

Date 21/01/2018

Ref No. J.B.C./ /2017-2018

To,
Mr. Vivek Mehrotra,
Vice president, H.R.
Uttam Galva Metalics Ltd.,
Bhugaon Link Road, Wardha.

Dear Sir,

We are highly obliged to you and team of "Uttam Galva Metalics Ltd., Bhugaon Link Road, Wardha" for organizing industrial visit of P.G.(Chemistry) students of our college. Our students and faculty definitely get benefitted by this visit. We hope same cooperation from you in future also.

With regards

Dr. Om A. Mahodaya
Head / Incharge
Department of Chemistry
J. B. College of Science
WARDHA

Dr. Om A. Mahodaya
Yours Faithfully,
Dr. Om A. Mahodaya
Principal,
(Principal) Bala
College of Science, Wardha.

Jankidevi Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

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Jamnalal Bajaj Marg,

Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Date 25/01/2018

Ref No. J.B.C./ /2017-2018

To,
Mr. Vivek Mehrotra,
Vice president, H.R.
Uttam Galva Metalics Ltd.,
Bhugaon Link Road, Wardha.

Subject: Educational tour to your esteemed organization.

Sir,
Jankidevi Bajaj College of Science, Wardha was founded in 1962 by Shiksha Mandal Wardha, which imparts Science education to more than 1500 students from Junior college to Ph.D. At present, our college is an autonomous college with linguistic minority status.

Sir, about 35 students of M.Sc Chemistry are interested to visit your esteemed industry particularly research laboratories and sophisticated instrumentation centre. Three staff members would also accompany them.

We shall be highly obliged if you permit us to visit your institute and convey the date of visit on 19th or 20th December 2017.

Contact Person : Dr. P.V.Tekade (pradiptekade@gmail.com, 9422556608/9673459736)

Thanking you.

Dr. P.V. Tekade
Head / Incharge
Department of Chemistry
J.B. College of Science
Wardha

Dr. Om A. Mahodaya
Yours Faithfully,
Dr. Om A. Mahodaya
(Principal,
Jankidevi Bajaj
College of Science, Wardha.)

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

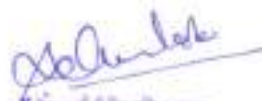
REPORT

**Seminar on "Research, Career and Ethics" Under 'Star-College-Scheme', Sponsored by
DBT Govt. of India**

Seminar on "Research, Career and Ethics" by Dr. A. Pillai, Scientist D, Project Management Cell, NCCS, Pune under 'Star-College-Scheme', sponsored by DBT Govt. of India was organized by Department of Microbiology on 29th and 30th December 2017. 58 students of PG (M.Sc I & M. Sc II) Botany, chemistry, Microbiology and Zoology department have attended the workshop.



Seminar On Research, Career, Ethics and Writing


Dr. Mrs. S. S. Khandare
HOD Department of Microbiology

Jankidevi Bajaj College of Science, Wardha

*A Linguistic Minority College**Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore**College with Potential for Excellence, UGC, New Delhi**Star College Scheme by DBT Govt. of India, New Delhi*

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Jamnallal Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Ref No. J.B.C./ /2017-2018

Date :02 / 12/2017

To,

The Director,

Hi-Media,

Gujarat

Dear Sir,

It gives me immense pleasure to invite a person from your company for the hands on training on Restriction Fragment Length Polymorphism. The said work shop is being organized by our Botany department in college on date 09 and 22nd December, 2017 for B.Sc. and M. Sc. Final year students for up gradation of practical skill of the students. Looking forward for positive reply.


Workshop Schedule:

Date :- 22/12/ 2017

Time :-10.00 am to 4.00pm

No. of Students :- 62

With Regards,


(Dr. S.S. Khandare)

Head, Department of Microbiology


(Dr. Om Mahodaya)

PRINCIPAL
Principal
J. B. College of Science
WARDHA

Jankidevi Bajaj College of Science, Wardha

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

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E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org
Ref No. J.B.C./ /2014-2015



Jamnallal Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Date : ~~10/10/2019~~

22/12/2017

Certificate

This is to certify that Mr.Swapnil Tank,Production specialist,Hi-Media,Gujarat has conducted hands on training on Restriction Fragment Length Polymorphism dated 22/12/2017 at Department of Microbiology, Jankidevi Bajaj College of Science, Wardha (M. S).

With Regards,

(Dr. Om Mahodaya)

PRINCIPAL
Principal
of Science
WARDHA



Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Department of Microbiology

Title	Guest Lecture and Hands on training on Restriction Fragment Length Polymorphism'(RFLP)
Description	<p>Date: 22/12/2017</p> <p>Resource Person:Mr. Swapnil Tank, Production specialist, Molecular biology, Himedia, Gujarat.</p> <p>Hands on training on 'Restriction Fragment Length Polymorphism' was organized by dept of Microbiology. On this occasion Mr.Tank informed the students about Restriction enzymes and Agarose gel electrophoresis techniques. He also gave hands on training to students on RFLP. Total 62 students of M. Sc. Sem I and Sem III Microbiology, Botany and Zoology attended the workshop. Students were very much benefited as they came to know the theoretical as well as practical skill through this workshop.It is also in their regular curriculum.</p>

X 
Dr. Ms. S. S. Khandare
Head, Dept. of Microbiology
J. B. College of Science, Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

Department of Microbiology

REPORT

Workshop on "Causes and Detection of Cancer: National and Global Scenario" and Hands on Training on "Protein Separation by SDS-PAGE",

Workshop on "Causes and Detection of Cancer: National and Global Scenario" and Hands on Training on "Protein Separation by SDS-PAGE", Under 'Star-College-Scheme' Sponsored by DBT Govt. of India was organized by Department of Microbiology on 15th and 16th December 2017. Dr. Gopal Kundu, Scientist G, Laboratory of Tumour Biology, Angiogenesis & Nanomedicine Research, NCCS, Pune guided the students for the workshop. Total 58 students of PG (M.Sc I & M. Sc II) Botany, Chemistry, Microbiology and Zoology department have attended the workshop.



Workshop On Cancer Biology and Hands on Training on Protein Separation by SDS-PAGE

Dr. Mrs. S. S. Khandare
HOD Department of Microbiology
Head / Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha

**Academic Administrative Audit
(AAA)**



राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ

(सेंट्रल बोर्डिंगमधून शासन, शिक्षण विभागाची अधिमुपना क्रमांक ५१३ विभाग १ ऑगस्ट, १९२३ द्वारा स्थापित, व महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१९(सन २०१७ चा महाराष्ट्र अधिनियम क्रमांक ६) द्वारा संघादित राज्य विद्यापीठ)

महाविद्यालय विकास विभाग

छत्रपती शिवाजी महाराज प्रशासकीय परिसर, रविप्रसाद टावोर मार्ग, नागपूर - ४४०००१
दुरध्वनी क्रमांक: ०७१२-२५२९१३२ फॅक्स नं: ०७१२-२५५५७०१, E-mail ID: info@college@gmail.com

क्र.म.वि./५३५

दिनांक : २९-०३-२०१९

श्री,

प्राचार्य,
जानकीदेवी बजाज विज्ञान महाविद्यालय
जमानालाल बजाज मार्ग, सिविल लाईन ता.- वर्धा, जि.- वर्धा - ४४२००१

विषय :- निरंतर संलग्निकरण प्रदान करणेबाबत.

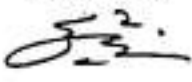
महोदय/महोदया,

महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१९ च्या कलम ११४ नुसार आपल्या महाविद्यालयातील चालु अभ्यासक्रमांचे निरंतर संलग्निकरण सत्र २०१९-२० करिता वाढविण्यासाठी आपण दि.३१-०४-२०१६ ला पाठविलेल्या अर्जाच्या संदर्भात आपणांस कळविण्यात येते की, स्थानिक चौकशी समितीने महाविद्यालयात प्रत्यक्ष भेट देवून सादर केलेल्या अहवालावर छाननी समितीने केलेल्या शिफारशीनुसार आपल्या महाविद्यालयाचा खालील प्रमाणे नमूद अभ्यासक्रमांचा निरंतर संलग्निकरण काळ वाढविण्यास विद्यापीठाच्या विद्यापरिषदेच्या वतीने मा. कुलगुरुंनी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१९ च्या कलम १२(७) अंतर्गत दि.२५-०३-२०१९ ला मान्यता दिली आहे.

विद्यापरिषदेच्या वतीने स्त्रिकृत केलेल्या शिफारशीनुसार खालील प्रमाणे नमूद केलेल्या अभ्यासक्रमांना सत्र २०१९-२० पासून २०२१-२२ पर्यंत निरंतर संलग्निकरण प्रदान करण्यात येत आहे.

अ.क्र. विद्याशाखा	अभ्यासक्रम / विषय / प्रवेश क्षमता	वर्ष
१ विज्ञान व संशोधन	बॅचलर ऑफ सायंस((नैसर्गिकतत्त्वज्ञान) (संशोधन विज्ञान)], मास्टर ऑफ सायंस (केमिस्ट्री) ((रसायन शास्त्र)]-२२ विद्यार्थी, मास्टर ऑफ सायंस (सायक्रोबायोलॉजी) ((वृक्षमय विज्ञान)]-२२ विद्यार्थी, मास्टर ऑफ सायंस (मुलॉजी)((प्राणीशास्त्र)]-२२ विद्यार्थी, मास्टर ऑफ सायंस (बीटनी) ((वनस्पती शास्त्र)]-२२ विद्यार्थी	सत्र २०१९-२० ते २०२१-२२ पर्यंत

आपला विश्वासू,

 [18]

(डॉ. रमण मदन)

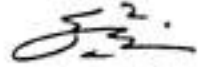
उपकुलमन्त्रि

(अति. कार्य)

रा.तु.म. नागपुर विद्यापीठ, नागपुर

प्रति सादर प्रार्थना :-

१. मा. महापुरुष (परीक्षा व कुलमन्त्रि मंडळ), रा.तु.म. नागपुर विद्यापीठ, नागपुर



(डॉ. रमण मदन)

महापुरुष कुलमन्त्रि (म.वि.)

रा.तु.म. नागपुर विद्यापीठ, नागपुर



महाराष्ट्र सहकारी महासभेचे माध्यमातून

(महाराष्ट्र सहकारी महासभेचे माध्यमातून, शिक्षण विभागाची अधिष्ठापना क्रमांक ५१३ दिनांक १ ऑगस्ट, १९२३ च्या अधिनियम, २०१६ (मन २०१७) या महाराष्ट्र अधिनियम क्रमांक ६) द्वारा संघटित राज्य विद्यापीठ)

महाविद्यालय विकास विभाग

राज्यपाली विद्यापीठ महाराष्ट्र प्रशासकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४०००१
दुरध्वनी क्रमांक: ०२०-२५२५१३२ फॅक्स नं: ०२०-२५५५७०१, E-mail ID: info@college@gmail.com

क्र.स.वि./१६६५

दिनांक : 18-08-2021

प्रति,

शाचार्य,
बजाज कॉलेज ऑफ सायंस
जमानालाल बजाज मार्ग, सिविल साईन ता.- वर्धा, जि.- वर्धा - 442001

विषय :- निरंतर संलग्निकरण प्रदान करणेबाबत.

संदर्भ :- १. विद्यापीठ पत्र क्र. क्र.स.वि./५०७ दि. 08-07-2021 रोजीचे पत्र.
२. आपले पत्र क्र. ०० दि. 30-07-2021 अन्वये दाखल केलेले अपील.

महोदय/महोदया,

आपले उपरोक्त संदर्भाधीत अपीलाचे अनुषंगाने आपणास कळविण्यात येते की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ च्या कलम ११४ नुसार आपल्या महाविद्यालयातील चाचू अभ्यासक्रमाचे निरंतर संलग्निकरण सत्र २०२०-२१ करिता वाढविण्यासाठी आपण दिनांक 29-09-2020 रोजी शैक्षणिक अंकेक्षणकारिता सादर केलेल्या अर्जाचे अनुषंगाने पडताळणी समितीने महाविद्यालयास प्रत्यक्ष भेट देवून सादर केलेल्या अहवालावर शैक्षणिक अंकेक्षण समितीने केलेल्या शिफारशीनुसार आपल्या महाविद्यालयातील खालील प्रमाणे नमुद अभ्यासक्रमांचे संलग्निकरण नाकारण्याची शिफारस केली होती. त्यावर आपण अपील दाखल केली असता अधिष्ठाता मंडळाद्वारे आपण अपीलाच्या समर्थनार्थ सादर केलेल्या पुढाव्यामुळे समाधान झाल्याने आपली अपील मान्य केली आहे. व विद्या परिषदेच्या वतीने मा. कुलगुरुंनी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ च्या कलम १२(७) अंतर्गत दि. 05-08-2021 रोजी खालील प्रमाणे नमुद केलेल्या अभ्यासक्रमांना अभ्यासक्रमांना सत्र २०२१-२२ पासून २०२१-२२ पर्यंत निरंतर संलग्निकरण प्रदान करण्यास मान्यता दिली आहे.

अ.क्र. विद्यालयाचा	अभ्यासक्रम / विषय / प्रवेश क्षमता	वर्ष
1	विज्ञान व नवज्ञान	मास्टर ऑफ सायंस (भविष्य) 1- 22 विद्यार्थी
		सत्र २०२१-२२ करिता

आपला विद्यापु,

(डॉ.रमण मधे)

उपकुलसचिव

(अति.कार्य)

रा.सु.म. नागपूर विद्यापीठ, नागपूर

प्रत माहितीवरील अर्थापित :-

[20]



अध्यक्ष तुळोजी महाराज नागपूर विद्यापीठ
(सेटप पोटिफिकेट नावक, विभाग विभागाची अधिलेखन क्रमांक ५१३ दिनांक १ ऑक्टोबर, १९८३ द्वारा स्थापित, व महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६(मस २०१६ या महाराष्ट्र अधिनियम क्रमांक ६) द्वारा संशोधित राज्य विद्यापीठ)

महाविद्यालय विकास विभाग

तुळोजी विद्यापीठ महाराज समाजकीय परिसर, रविंद्रनाथ टागोर मार्ग, नागपूर - ४४४००१
दुरध्वनी क्रमांक: ०२१२-२५३९९१२ फॅक्स नं: ०२१२-२५५५००१, E-mail ID: info@college@gmail.com

क्र.प.वि./०५९

दिनांक: 18-06-2022

हार्द,

आचार्य,
ब्रज कौलेज ऑफ मॉरॅस
जबानालाल ब्रज कौलेज, भिविड पार्क मा. - बार्डी, जि. - बार्डी - 442001

विषय :- महाविद्यालयाचे शैक्षणिक अंकेक्षणानुसार निरंतर संतुष्टिकरण प्रदान करणेबाबत.

महोदय/महोदया,

महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ च्या कलम ३७(३)(क) व ११४ नुसार आपल्या महाविद्यालयातील जाणु अभ्यासक्रमांचे निरंतर संतुष्टिकरण सध्या ३०३३-२३ करिता वाढविण्यासाठी आपण दि. २७-०९-२०२१ ला पाठविलेल्या शैक्षणिक अंकेक्षण करवडाकरिता सादर केलेल्या अर्जाच्या संदर्भात आपल्या कळविण्यात येते की, पठशाळाची समितीचे महाविद्यालयास प्रत्यक्ष भेट देवून सादर केलेल्या अहवालावर शैक्षणिक अंकेक्षण समितीने तसेच अधिष्ठाता संस्थाने केलेल्या शिफारशीनुसार आपल्या महाविद्यालयावर खालील प्रमाणे नमुद अभ्यासक्रमांचा निरंतर संतुष्टिकरण वाढ वाढविण्यात विद्यापीठाच्या विद्यापीठपदेच्या बळीने मा. तुळोजी महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ च्या कलम १२(०) अंतर्गत दि. १३-०६-२०२२ ला मान्यता दिली आहे.

विद्यापीठपदेच्या बळीने म्विकृत केलेल्या शिफारशीनुसार खालील प्रमाणे नमुद केलेल्या अभ्यासक्रमांचा सध्या ३०३३-२३ पासून ३०३४-२५ पर्यंत निरंतर संतुष्टिकरण प्रदान करण्यात येत आहे.

स.क्र. विद्यालयाचा	अभ्यासक्रम / विषय / इतर श्रमका	वर्ग
१	विज्ञान व संयोजन मास्टर ऑफ मॉरॅस (नविन) (कॉलेज)] - (इंग्रजी माध्यम) - २२ विद्यार्थी, मास्टर ऑफ मॉरॅस (मुलगी) (कॉलेज)] - (इंग्रजी माध्यम) - २२ विद्यार्थी, मास्टर ऑफ मॉरॅस (मायक्रोबीयोजी) (कॉलेज)] - (इंग्रजी माध्यम) - २२ विद्यार्थी, मास्टर ऑफ मॉरॅस (केमिस्ट्री) (रसायन शास्त्र)] - (इंग्रजी माध्यम) - २२ विद्यार्थी, मास्टर ऑफ मॉरॅस (बीटरी) (वनस्पती शास्त्र)] - (इंग्रजी माध्यम) - २२ विद्यार्थी, बीकम ऑफ मॉरॅस (वैदिकसंयोजन) (संगणक विज्ञान)] - (इंग्रजी माध्यम)	सध्या २०२२-२३ ते २०२४-२५ पर्यंत

आपला विश्वासू,

(डॉ. राम मदन)

उपकुलसचिव

रा. तु. म. नागपूर विद्यापीठ, नागपूर

इन माझीकडिना अरपिन :-

१. मा. संयोजक/परिशा व मुख्यसचिव संस्था, रा. तु. म. नागपूर विद्यापीठ, नागपूर

Collaborative Quality Initiatives



Shiksha Mandal's
Bajaj College of Science, Wardha

An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur



In Association with

St. Xavier's College (Autonomous), Mumbai

INVITES APPLICATION FOR

Certificate Course in

INDUSTRIAL WASTEWATER MANAGEMENT

Eligibility: UG, Graduate & PG Science Students

Seats: 50

Course Fee:

Rs. 350/- (Students of Parent Institute)

Rs. 500/- (Other Students)

Last date for Registration:

25th November 2021

About Certificate Course:

<https://drive.google.com/file/d/1JCQ8tyYzjq0J4E93HQVLioWGdvJAidz0/view?usp=sharing>

Registration Link:

<https://forms.gle/e5AvxA9PkP8HRrnz6>

Patrons

Dr. O. A. Mahodaya

Principal, Bajaj College of Science, Wardha

Dr. Rajendra Shinde

Principal, St. Xavier's College, Mumbai

Course Facilitators

Dr. Pradip Tekade

Head/In-charge, Dept. of Chemistry,
Bajaj College of Science, Wardha

Mr. Marazban Kotwal

Head, Dept. of Chemistry
St. Xavier's College, Mumbai

Course Coordinators

Dr. Mahejabeen Haque

Bajaj College of Science, Wardha

+91-7028308023

Dr. Abhilasha Jain

St. Xavier's College, Mumbai

+91-7506270677

About: Bajaj College of Science, Wardha

<http://bsw.shikshamandal.org/>

About: St. Xavier's College, Mumbai

<https://xaviers.edu/main/>



Bajaj College of Science, Wardha (Autonomous)
Department of Chemistry

In Association with

St. Xavier's College (Autonomous), Mumbai

Organizes



Skill based Certificate Course On
“INDUSTRIAL WASTEWATER MANAGEMENT”

Specifications of Course:

A) Nature	- Certificate Course
B) Duration	- 60 hrs
C) No. Of Students to be admitted	- 50
D) Fee Proposed	- 350/- (Students of Parent Institutes) - 500/- (Other Students)

I. COURSE OVERVIEW:

This course provides an understanding of various processes involved in the treatment of wastewater generated due to the anthropogenic activities prior to its discharge into the environment or its re-use. This course aids to understand various terminologies used in industrial wastewater treatment and to acquaint with different stages involved in treatment of industrial wastewater.

II. PREREQUISITE(S): UG/PG

III. COURSE OBJECTIVES:

The objective of the course is to impart knowledge and skills to the learner to:

1. Distinguish between the quality of domestic and industrial water requirements.
2. Understand the industrial process, water utilization and wastewater generation.
3. Impart knowledge on selection of treatment methods for industrial wastewater.
4. Gain knowledge on different techniques and methods for minimizing the generation.
5. Application of physicochemical and biological treatment methods for recovery, reuse and disposal of industrial wastewater.

IV. COURSE OUTCOMES:

After completion of this course, the student will be able to demonstrate the knowledge and will have the ability to:

1. Identify environmental standards that apply to both direct and indirect industrial discharges.
2. Develop an overall treatment strategy for an industrial waste stream.

3. Specify design criteria for physical, chemical, and biological unit operations and processes necessary to treat an industrial wastewater.
4. Define and reason about fundamental concepts of wastewater treatment.
5. Design, conduct experiments and the ability to analyse the wastewater quality.
6. Select the most appropriate technique to control and treat industrial pollution.
7. Enhanced skills of the students will increase their employability in the related industries.

Mode of Teaching:

The theory lectures and practical sessions of the course will be conducted via Online mode i.e. Pre-recorded video lectures and/or online lectures.

Shiksha Mandal's
Establishment Year : 1962

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515

Admn. Off. : (07152) 241696

Library : (07152) 255070

E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnala Bajaj Marg

Civil Line

Wardha - 442 001

(Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Ref No. J.B.C./ /2020 -2021

Date : 13/06/2022

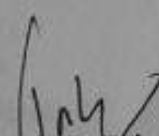
Certificate

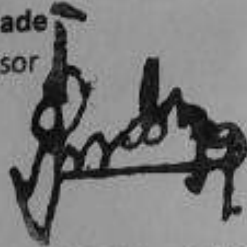
This is to certify that the work presented under Project entitled "**A Potential Use of Banana (*Musa balbisiana*) Tree and its Parts in Cosmetic and Textile Applications: A Review**" is the own work of **Mr. Ashwin Ravidas Tawekar**

Conducted in the P.G. Department of Chemistry, Bajaj college of Science, Wardha & MGRI, Wardha.

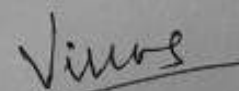
Date : 13/06/2022

Place : Wardha


Dr. Pradip V. Tekade
Internal Supervisor



PRINCIPAL
of Science
WARDHA


Mr. Vikas Choudhary
External Supervisor
RCI, MGRI, Wardha

ShikshaMandal's
Establishment Year : 1962

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

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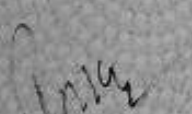
Jamnalal Bajaj Marg
Civil Line
Wardha - 442 001
(Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

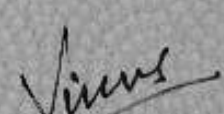
Ref No. J.B.C./ /20 -20

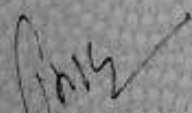
Date 3/06/2022


Certificate

This is to certify that the work presented under Project entitled "**Macro and micronutrients in agriculture: their applications, role, effect, and doses. A Review**" is the own work of **Mr. Gaurav Gulab Gurnule** conducted in the P.G. Department of Chemistry, Bajaj college of Science, Wardha & MGIRI, Wardha.


Dr. Pradip V. Tekade
Internal Supervisor


Mr. Vikas Choudhary
External Supervisor
RCI, MGIRI, Wardha


Dr. Pradip V. Tekade
Head/ Incharge
Department of Chemistry


Dr. Om A. Mahodaya
Principal
Bajaj College of Science, Wardha

ShikshaMandal's
Establishment Year : 1962

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515
Adms. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org



Jamnala Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Ref No. J.B.C./ /20 -20

Date : / /20

Certificate

This is to certify that the work presented under Project entitled "**Biodegradable, Sustainable, Efficient Biocomposite Phosphorylated Chitosan Modified Flame Retardant with Agro Waste Product: Banana Pseudostem**" is the own work of **Miss Ayushi Nitin Deshmukh** Student of Fergusson college, Pune (Department of chemistry) who successfully carried out mentorship summer project of INSPIRE SHE Programme for **49 Days (7 weeks)** (Date of commencement: **27/09/2021** and Date of completion: **15/11/2021**) in the Department of Chemistry, Jankidevi Bajaj college of Science, Wardha.

(Akhil)
22/11/2021
Project Supervisor
(Dr. Akhil V. Nakhate)

(P.V. Tekade)
22/11/2021
Project Co-Supervisor
(Dr. P. V. Tekade)

(P.V. Tekade)
22/11/21
Dr. P. V. Tekade
Head/Incharge
INCHARGE
Department of Chemistry
Department of Chemistry
Bajaj College of Science
WARDHA

(Om A. Mahadaya)
Dr. Om A. Mahadaya
Principal
Bajaj College of Science
Wardha.

FERGUSON COLLEGE, PUNE

DEPARTMENT OF CHEMISTRY

NO OBJECTION LETTER FOR UNDERGOING SUMMER PROJECTS OF INSPIRE SCHOLARSHIP

Name of student: **AYUSHI NITIN DESHMUKH**

Roll no: 4222 Student id: 673331

College: Fergusson college (Autonomous), Pune

Duration of visit for summer project: from 27/09/2021 to 11/11/2021

Name of institutions in full where mentorship research project will be undertaken:

Jankidevi Bajaj College of Science, Wardha

Name, Designation, Phone no, Email of Research advisor at mentor institution:

DR. AKHIL V. NAKHATE

Professor

9323081346

akhiln30@gmail.com

Date: 23/11/2021

Signature of student:

The department has no objection to undertake project in above institution.

Signature of Head of Department

Depn. of Chemistry
Fergusson College, Pune-4.



Welcome Miss Ayushi Nitin Deshmukh
VR Number: 201900006412

Logout

[Change Password](#)

[Update Profile](#)

Select Language:

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[हिंदी](#)

Scholarship - Mentorship Application List

[+ Apply For Mentorship](#)

Name of Scholar	Application Reference Number	Title of the Project	Name Of Research Supervisor	Host Institute	Broad Area of Research Project
Miss Ayushi Deshmukh	DST/INSPIRE/02/2019/010034	Flame Retardant from Banana Pseudostem	Dr Akhil V Nakhate	Jankidevi Bajaj College of Science Wardha	Banana Pseudostem show flame retardancy

**MAHARASHTRA STATE BOARD OF SECONDARY & HIGHER
SECONDARY EDUCATION, PUNE**

NAGPUR DIVISIONAL BOARD

Advisory Note to the Candidate for Eligibility in Scholarship for Higher Education (SHE) component under INSPIRE Scheme

It is declared/certified that **DESRMUKH AYUSHI NITIN**

of Seat No **N051069**

and having College Index Number **0704004**

is eligible for award of Scholarship for Higher Education (SHE) under Innovation in Science Pursuit for Inspired Research (INSPIRE) by virtue of performance within top 1% of the school Board at Class XII level in the examination held during the academic session ending March 2019.

Performance in top 1% in Class XII Board examination and followed by enrolment into education in Basic and Natural Science course at B. Sc./Integrated M. Sc. Or MS level shall make you eligible for consideration in INSPIRE Scholarship for Higher Education of GoI valued at Rs. 80,000 per year for five years.

After enrolling yourself into Bachelor or Integrated Master's level programme in Basic and Natural Science courses given at <http://www.inspire-dst.gov.in/SHE.html>. (Select Blank format Option -Endorsement Certificate) in any University or College in India, recognized by UGC, India, you are advised to register in Scholarship for Higher Education (SHE) through online registration at www.online-inspire.gov.in and apply with required documents through ONLINE MODE only, as and when this scheme is opened/announced for submission of application.

Scholarship under SHE would be granted, if you have applied for it through ONLINE mode only. Application sent via post and other OFFLINE modes will be summarily rejected. As the number of Scholarship under SHE are fixed w. r. t. large number of eligibl students from various Educational Boards, the repositioning of cut-off may take place.

Please note that this Advisory Note is issued to you for intimation only. It is neither a selection letter of INSPIRE-SHE scholarship nor any guarantee to offer the said scholarship to you by INSPIRE PROGRAMME DIVISION.



Secretary
Maharashtra State Board Of Secondary & Higher
Secondary Education, Pune
NAGPUR DIVISIONAL BOARD
(Signature With Seal)

To Principal
Jankidevi Bajaj College of Science, Wardha

Through : Head of Department
Department of Chemistry

Application: Regarding Research Project Work under
DST - Inspire scholarship programme.

Respected Sir,

I am a student of Fergusson College, Pune and
Studying in final year (2021-22). I have been awarded
with DST programme - Inspire Scholarship for Higher Education.
In this, I have to do mentorship programme and
submit Research Project. Hence I am writing to you
this application. I want to do my Research project in
your prestigious college in Chemistry Department for
4 to 6 weeks. So, please give me permission to do.

Thank you!

Ayushi Deshmukh

Mob: 9823746570

Email ID: ayushideshmukh70@gmail.com

Forwarded

July
25/08/2021

Dr. R. V. Nakhate will be
mentor. Candidate has to pay
very fees. only

Stipend will be provided
if. Fine/heavy chemicals has
be procured by the candidate.

July
25/08/21
(Dr. Telote)



Deccan Education Society's

FERGUSSON COLLEGE

(AUTONOMOUS)

PUNE - 411 004, MAHARASHTRA, INDIA.



An Autonomous College (under Savitribai Phule Pune University, Pune)

(ID No. PU / PN / AS / 002 / 1885) NAAC Accredited "A" Grade; CGPA 3.62 on 4 point scale

College of Excellence (UGC) | Special Heritage Status by UGC | DST FIST Supported College | DBT - STAR College

FCP/310/2021-22

Date: 07-09-2021

To,

Dr. Om Mahodaya,
Principal,
Bajaj College of Science, Wardha

वजाज विज्ञान महाविद्यालय वर्धा

आवक क्र. 428

दिनांक 11/09/2021

Subject: Letter of Intent (LoI)

Dear Sir,

Warm greetings from Fergusson College (Autonomous) Pune!

Thank you for the collaborative activities in academics.

Hereby, I am sending you the hard copy of Letter of Intent (LoI) for your kind perusal.

Yours sincerely,

Dr. Ravindrasing Pardeshi,
Principal,
Fergusson College (Autonomous) Pune
Principal
Fergusson College (Autonomous)
Pune-411 004.





Deccan Education Society's
Fergusson College (Autonomous) Pune



Shiksha Mandal's
Bajaj College of Science, Wardha

Deccan Education Society's
Fergusson College (Autonomous), Pune
Internal Quality Assurance Cell and Career Facilitation Center

Parties to the Letter of Intent (LoI)

Party 1: Deccan Education Society's, **Fergusson College (Autonomous)**, Pune

Address: Fergusson College Road, Deccan Gymkhana, Pune 411004,
Maharashtra hereinafter referred to as "College")

Contact Person: Dr. Ravindrasing G. Pardeshi, Principal Fergusson
College, Pune, contact Number: (020) 67656000; (020)67656603;
(020)67656199

Email id: principal@fergusson.edu; cfc@fergusson.edu

Website: <https://www.fergusson.edu>

Party 2: Shiksha Mandal's, **Bajaj College of Science (Autonomous)**, Wardha

Address: Jamnalal Bajaj Marga, Civil Lines, Wardha-442001

Contact Person: Dr. Om Mahodaya, Principal, Bajaj College of Science,
Wardha

Contact No. : 07152-230515, 243851, 255070

Email: jbsciencewardha@yahoo.co.in

Website: jbsw.shikshamandal.org

1. Purpose

With intent to have more effective use of each of their resources and provide each of them with enhanced opportunities to grow and strengthen, the Parties shall collaborate for Skill based Training, Internship, Placement, Higher Education, Research and any other area in Academics.

3. Validity

The validity of the Letter of Intent shall be three years from the date of this letter or early termination of the same. Either Party can terminate this collaboration by giving prior 30 calendar days' notice, in writing, to the other Party.

4. Scope of Collaboration

(i) Strengthen Graduate Attributes

The budding graduates from the College could play a key role in technology upgradation, innovation and competitiveness of an industry. This collaboration between the Parties will benefit the student community.

(ii) Curriculum Design and Development

Party 2 will provide its valuable inputs to the College in framing the syllabi for a particular Academic Programme and also help in enhancing teaching-learning processes by providing training to the teachers and students and bring innovations in teaching-learning methods. The Party 2 will also help in customizing syllabi which will enhance industry readiness of students.

(iii) Industrial Training and Visit

Party 2 shall permit faculty and students of the College to visit its their industry set ups/ processing plants and other such facilities and involve them in its Industrial Training programs.

(iv) Internship and Placement of Students

Party 2 will assist the College in providing a platform for internship and placement of students.

(v) Research and Development

Both the Parties will, jointly, carry out research activities under the scope of the College, which can be defined mutually between the Parties.

(vi) Skill Development Program

Party 2 shall provide training on the emerging technologies in order to bridge the skill gap and make the students ready for the industry.

(v) Guest Lectures/ Industry Guidance

Party 2 shall provide necessary support to deliver guest lectures and guide students of the College on technology trends and industry requirements.

(vi) Faculty Development Program

Party 2 shall train the faculties of the College for imparting industrial exposure/training.

5. Both the Parties shall obtain the internal approvals/consent / permission/ licenses, as may be applicable and required, to offer the programs/activities on the terms specified herein.

6. There will be no financial commitment on part of the College to take up any program mentioned in this Letter of Intent.

7. Intellectual Property

Nothing contained in the Letter of Intent shall by express grant, implication,

estoppel or otherwise create in either Party any right, title, interest or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copyrights and designs) of the other Party.

Relationship between the Parties

1. The Parties shall be acting as independent contractors, and the relationship established under this Lol shall not be construed as partnership.
2. Neither, Party is authorized to use the other's name in any way, to make representations or create any obligations or liability expressed or implied on behalf of the other Party, without the prior written consent of the other Party.
3. Neither Party shall have, nor represent itself as having any authority under the terms of this Lol to make any agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit or to extend credit on behalf of the other Party.

Any difference of opinion or dispute that may arise at any time during the period of collaboration and thereafter, the Parties would endeavor to resolve such disputes amicably. However, in case the Parties are unable to resolve the same amicably, such difference(s)/dispute(s) shall be referred to and finally settled by arbitration in accordance with the provisions of Arbitration and Conciliation Act, 1996. The Parties shall mutually appoint 1 (one) arbitrator for the arbitration proceedings. The seat of arbitration shall be Pune. The language of the arbitral proceeding shall be English. The arbitral award shall be final and binding on the Parties.

ACCEPTED
FOR DECCAN EDUCATION SOCIETY'S
FERGUSON COLLEGE (AUTONOMOUS)
PUNE

Signing Authorities of both the parties

Dr. Ravindrasing Pardeshi
Principal
Fergusson College (Autonomous)
Pune

Principal
Fergusson College (Autonomous)
Pune-411 004.



ACCEPTED
FOR SHIKSHA MANDAL'S
BAJAJ COLLEGE OF SCIENCE
WARDHA

Dr. Om Mahodaya
Principal
Bajaj College of Science (Autonomous)
Wardha





This is to certify that

Dr. Prashant Ghansham Borkar

of

Jankidevi Bajaj College of Science, Wardha, Maharashtra

has undergone Innovation Ambassador training (Advanced Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode.

Prof. Anil D. Sahasrabudhe
Chairman
AICTE

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 2434



This is to certify that

Dr. Bhavana Vishwas Mohite

of

Jankidevi Bajaj College of Science, Wardha, Maharashtra

**has undergone Innovation Ambassador training (Advanced Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 2590



This is to certify that

Dr. MAHEJABEEN HAQUE

of

Jankidevi Bajaj College of Science, Wardha, Maharashtra

**has undergone Innovation Ambassador training (Advanced Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 2769



This is to certify that

Abhimanyu Maheshwari

of

Jankidevi Bajaj College of Science, Wardha, Maharashtra

**has undergone Innovation Ambassador training (Advanced Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 2770



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



This is to certify that

AKHIL VITTHALRAO NAKHATE

of

Jankidevi Bajaj College of Science, Wardha, Maharashtra

has undergone Innovation Ambassador (IA) training 'Advanced Level' (Total 15 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year 2021-22.

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date of Issue: 04-08-2021

E-certificate No: IA/Advance/102844

IIC ID: IC201810385



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 **ONLINE** HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME: Dr. Bhavana Vishwas Mohite SL. NO.: CSIR/SRTP/2020/NEIST/5155

GRADE: S

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME: Dr.Nidhi Kaushik

REMARKS

MENTOR



**CSIR-SUMMER RESEARCH TRAINING PROGRAM
(CSIR-SRTP)2020 ONLINE**



CERTIFICATE

Name: Dr. Bhavana Vishwas Mohite **Sl. No.:** CSIR/SRTP/2020/NEIST/5155

has completed all the requirements of the CSIR-Summer Research Training Program (CSIR-SRTP) 2020 **online** during June to August, 2020 coordinated by CSIR-NEIST, Jorhat

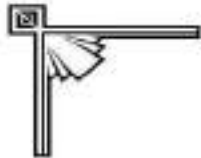
DR. G. NARAHARI SASTRY
DIRECTOR
CSIR-NORTH EAST INSTITUTE OF
SCIENCE AND TECHNOLOGY

PROF. ALOK DHAWAN
DIRECTOR
CSIR-INDIAN INSTITUTE OF
TOXICOLOGY RESEARCH

DR. SHEKHAR C. MANDE
DIRECTOR GENERAL, CSIR
SECRETARY, DSIR, GOVT. OF INDIA



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



JUNE TO AUGUST, 2020

SL. NO.: CSIR/SRTP/2020/NEIST/5895

NAME: Mohan Tukaram Kapse





CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 **ONLINE** HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME: Mohan Tukaram Kapse SL. NO.: CSIR/SRTP/2020/NEIST/5895

GRADE: A

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME: Dr. Nasir Ul Rasheed Rather

REMARKS

MENTOR



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



CERTIFICATE

Name: Mohan Tukaram Kapse **Sl. No.:** CSIR/SRTP/2020/NEIST/5895

has completed all the requirements of the CSIR-Summer Research Training Program (CSIR-SRTP) 2020 **online** during June to August, 2020 coordinated by CSIR-NEIST, Jorhat

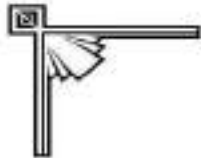
DR. G. NARAHARI SASTRY
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DR. SHEKHAR C. MANDE
DIRECTOR GENERAL, CSIR
SECRETARY, DSIR, GOVT. OF INDIA



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



JUNE TO AUGUST, 2020

SL. NO.: CSIR/SRTP/2020/NEIST/4031

NAME: NIKITA RAJESHRAO KHARE





CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 ONLINE



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 ONLINE HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME: NIKITA RAJESHRAO KHARE SL. NO.: CSIR/SRTP/2020/NEIST/4031

GRADE: B

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME: Dr. D. Sumitha

REMARKS

MENTOR



CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 **ONLINE**



CERTIFICATE

Name: NIKITA RAJESHRAO KHARE **Sl. No.:** CSIR/SRTP/2020/NEIST/4031

has completed all the requirements of the CSIR-Summer Research Training Program (CSIR-SRTP) 2020 **online** during June to August, 2020 coordinated by CSIR-NEIST, Jorhat

DR. G. NARAHARI SASTRY
DIRECTOR
CSIR-NORTH EAST INSTITUTE OF
SCIENCE AND TECHNOLOGY

PROF. ALOK DHAWAN
DIRECTOR
CSIR-INDIAN INSTITUTE OF
TOXICOLOGY RESEARCH

DR. SHEKHAR C. MANDE
DIRECTOR GENERAL, CSIR
SECRETARY, DSIR, GOVT. OF INDIA



Pradip Tekade <pradiptekade@gmail.com>

Fwd: Collaborative work

3 messages

Dr. Dhiraj Naik <naikdhiraj@gmail.com>

Thu, Jun 25, 2020 at 9:00 PM

To: Pradip Tekade <pradiptekade@gmail.com>, janki bajaj <jbsciencewardha@yahoo.co.in>

Sir,

Am forwarding an email response from Dr. Supprasanna, NABTD Division, BARC, Mumbai about joint collaboration between our college and RBCA. This is just at the initial stage. It might help for NAAC.

regards,

Dhiraj

----- Forwarded message -----

From: <prasanna@barc.gov.in>

Date: Thu, Jun 25, 2020 at 6:02 PM

Subject: Collaborative work

To: <babasontakke@rediffmail.com>

Cc: <naikdhiraj@gmail.com>, Dr. Ashish Srivastava <ashish@barc.gov.in>, Ashish srivastava <ashishbarc@gmail.com>, penna888 <penna888@yahoo.com>

The Principal,

Ramakrishna Bajaj College of Agriculture (RBCA),

Pipri, Wardha-442001

Maharashtra

Subject: Letter of collaboration

Dear Dr. Sontakke,

Our laboratory in NABTD, BARC is engaged in studying the effects of biostimulants such as thiourea and chitosan in crop plants. We are keen to study the effects on field grown cotton and pigeon pea grown under different cropping patterns. Since these are the major kharif crops of Vidarbha region, we would be happy to collaborate with Bajaj College of Science and Ramakrishna Bajaj College of Agriculture, Wardha, in undertaking these studies. BARC will offer technical support and advice on this research work. This joint research work will complement our priority research theme "Thiourea and chitosan-based technology for enhancing plant growth and stress tolerance." The outcome of this collaboration can be shared between both the institutions, and should help towards developing further collaborative research. From BARC side, Dr Ashish Srivastava will coordinate all the matters, and correspondence can be made with him.

With regards,

Dr Suprasanna

Dr. P. SUPRASANNA**Head,** Nuclear Agriculture and Biotechnology Division, &

Professor, Homi Bhabha National Institute,

Bhabha Atomic Research Centre (BARC),
Trombay, Mumbai 400 085, INDIA;
Tel. 0091 22 25595423;
Email: prasanna@barc.gov.in;
penna888@yahoo.com, penna.suprasanna@gmail.com

--

Dr. Dhiraj Naik
Assistant Professor
Department of Botany
Bajaj College of Science
(Formerly known as Jankidevi Bajaj College of Science)
Civil Lines
Wardha-442001, Maharashtra
India

Pradip Tekade <pradiptekade@gmail.com>
To: sanjiv zade <sanjivszade@gmail.com>

Fri, Jun 26, 2020 at 6:55 AM

[Quoted text hidden]

Pradip Tekade <pradiptekade@gmail.com>
To: "pgchem.borkar" <pgchem.borkar@gmail.com>

Tue, Aug 18, 2020 at 12:51 PM

----- Forwarded message -----

From: **Dr. Dhiraj Naik** <naikdhiraj@gmail.com>
Date: Thu, Jun 25, 2020, 9:00 PM
Subject: Fwd: Collaborative work
To: Pradip Tekade <pradiptekade@gmail.com>, janki bajaj <jbsciencewardha@yahoo.co.in>

[Quoted text hidden]



'MAHA PENCH-TIGERS IN THE HEART OF INDIA'



Office of the Chief Conservator of Forest & Field Director, Pench Tiger Reserve, Nagpur

मुख्य वनसंरक्षक व क्षेत्रसंचालक, पेंच व्याघ्र प्रकल्प, नागपूर यांचे कार्यालय

3rd Floor, Sanchar Laxmi Building (BSNL), Kasturchand Park, Nagpur-440009

Ph. No. / दूरध्वनी क्र. ०७९२-२५६०७२७ / २५६०७४८

E-mail / ई-मेल: ccfdpench2@mahaforest.gov.in

Website / वेबसाईट : www.mahapenchtiger.com

Safari Booking / सफारी बुकिंग: www.mahaecotourism.gov.in

Desk-6/Steno/ 3392 /2019-20

Date-27 /02/2020

To,

The Secretary
Department of Biotechnology
6th-8th Floor, Block 2, CGO complex
Lodhi Road, New Delhi-110003

Subject: Letter of collaboration

Sir/Madam,

I am happy to offer you my support for the proposal entitled as "Investigation on genetic diversity, local scale genetic structure and ex-situ conservation of *Anogeissus sericea* in disturbed forest patches of Gujarat, Rajasthan and Vidarbha, India".

This proposed research is a collaborative effort between Bajaj College of Science, Wardha and Office of the Chief Conservator of Forests and Field Director, Nagpur. My office will support the research staff of this project during field collection of seeds and leaf samples of *A. sericea* stands after following the due procedure.

Two collection sites are outside Maharashtra state. Under such circumstance, my office will communicate to Gujarat/Rajasthan Forest Departments and the State Biodiversity Boards (if needed) and facilitate the team of PI to collect the plant samples after following the due procedure. The collections will be done without any serious damage to the parent trees in all designated locations of the proposal. This proposed research will help to propagate the threatened forest tree species which will support the goals of Forest Department of Maharashtra as it is extremely sparsely distributed in Maharashtra state. The nursery plantlets which will be developed by Bajaj College of Science will enhance the possibility of reintroduction of threatened species into local habitat and to other forest patches.

I am looking forward to collaborating with Bajaj College of Science, Wardha on this and other forest tree projects.

Yours Sincerely,

(Dr. Ravikiran Govekar)

Chief Conservator of Forest & Field Director
Pench Tiger Reserve, Nagpur.

NABIRA MAHAVIDYALAYA, KATOL

Distt. Nagpur (M.S.) Pin - 441 302



Graduation & Post Graduation in Arts, Commerce, Science & Management

Phone : 07112 - 222004 / 222164 Fax : 07112-222004

Email : nmv.college@rediffmail.com Website : www.nabiramahavidyalayakatol.com



Ref. No. :

Date : 24-12-2019

To,

The Principal,
Bajaj college Science,
Wardha,
Wardha-440010

Dear Sir,

M.Sc.Sem.IV (Chemistry) students have to carry out the **Project work** in their PG course. They may carry the work at any of the national /regional/private research institute/organization.

We are in consideration to consign three PG students to your reputed institution for their project work under **Dr.Pradip Tekade** (Associate professor, J.B.Science College, Wardha) supervision from 26th Dec. to 26th Jan. 2020. We assure you that they will show good manners. It would be a huge favor for us and we shall be thankful to you. Name of students are as follows.

1) Miss. Shubhangi S.Pande

2) Miss. Ruchita S. Raut

3) Miss. Sonal R. Rewatkar

Kindly permit the students for the project work.

Co-ordinator
P.G. Department of Chemistry
Nabira Mahavidyalaya, Katol,

Principal
Nabira Mahavidyalaya
Katol

ShikshaMandal's

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

NAAC Reaccredited 'A' Institution (CGPA 3.21)

College with Potential for Excellence, UGC, New Delhi

Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org



Jamnadal Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Certificate

This is to certify that the work presented under Project entitled "Synthesis of hydrotalcite (LDH) by conventional and mechanochemical method; its application in base catalysed reactions like aldol condensation." is the own work of **Miss Shubhangi Pande** conducted in the P.G. Department of Chemistry, Bajaj college of Science, Wardha.

Project Supervisor
Dr. Pradip V. Tekade

Head/Incharge
Department of Chemistry

Project Co-Supervisor
Dr. Akhil V. Nakhate

Dr. Om A. Mahodaya
Principal
Bajaj College of Science, Wardha

ShikshaMandal's

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

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Jamnalal Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Certificate

This is to certify that the work presented under Project entitled "**Activated CaAl-LDH, Solid Base Catalysts Prepared And Showed Its Application In The Aldol Condensation Reaction Between Benzaldehyde And Acetone**" is the own work of Miss Ruchita Raut conducted in the P.G. Department of Chemistry, Bajaj college of Science, Wardha.

Project Supervisor
Dr. Pradip V. Tekade

Head/Incharge
Department of Chemistry

Project Co-Supervisor
Dr. Akhil V. Nakhate

Dr. Om A. Mahodaya
Principal
Bajaj College of Science, Wardha

ShikshaMandal's

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E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org



Jamnalal Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Certificate

This is to certify that the work presented under Project entitled "Synthesis and Characterization of Hydrotalcite and their application as a Base Catalyst for Aldol Condensation Reaction." is the own work of **Miss Sonal Rewatkar** conducted in the U.G. Department of Chemistry, Bajaj college of Science, Wardha.

Project Supervisor
Dr. Pradip V. Tekade

Project Co-Supervisor
Dr. Akhil V. Nakhate

Head/Incharge
Department of Chemistry

Dr. Om A. Mahodaya
Principal
Bajaj College of Science, Wardha

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

PROJECT REPORT ON

"STUDY OF MODIFIED NATURAL THICKENER VERSUS SYNTHETIC THICKENER IN TEXTILE PRINTING"

In the partial fulfilment of the requirement for the degree of

MASTER OF SCIENCE

In CHEMISTRY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Priya B. Kadu

M. Sc. Chemistry (Sem-IV)

Under the Guidance of

Internal Supervisor

Dr Pradip V. Tekade

Associate Professor

(M.Sc., Ph. D., NET, SET, GATE)

External Supervisor

Dr. Manoranjan Patnaik

Dy. Director (Chemical)

Industries Division), MGIRI, Wardha



P.G. DEPARTMENT OF CHEMISTRY,

BAJAJ COLLEGE OF SCIENCE,

WARDHA – 442001 (M.S.) INDIA

2019-2020



Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515

Admn. Off : (07152) 241696

Library : (07152) 255070

Email : jbsciencewardha@yahoo.co.in

Website : jbsw.shikshamandal.org

Jamnallal Bajaj Marg

Civil Lines

Wardha-442001 (Maharashtra)

Uni. College No. 802

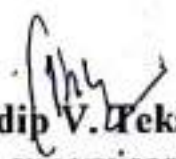
Jr. College No. 07-01-003

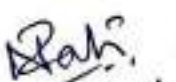
Ref No. J.B.C./ /20 - 20


Date : / / 20

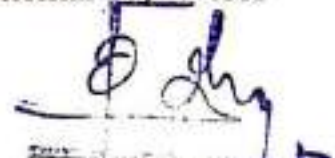
Certificate

This is to certify that the work presented under project entitled
“**Study of natural modified thickener versus synthetic thickener for
textile printing**” is the own work of **Ms Priya B. Kadu** conducted in the P.G.
Department of Chemistry, Bajaj Science College, Wardha and Chemical
Industries Division, MGIRI, Wardha.


Dr Pradip V. Dekade
Internal supervisor / Head


Dr. Nita Mohaansi
~~Head~~ Co-ordinator
Department of Chemistry


Dr M. Patnaik
External Supervisor


Dr Om A. Mahodaya
Principal
Bajaj Science College,
Wardha

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

PROJECT REPORT ON

"Synthesis And Characterisation Of Thickener For Textile Printing"

In the partial fulfilment of the requirement for the degree of

MASTER OF SCIENCE

In CHEMISTRY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Ms. Mamta R. Chandak

M. Sc. Chemistry (Sem-IV)

Under the Guidance of

Internal Supervisor

Dr Pradip V. Tekade

Associate Professor

(M.Sc., Ph. D., NET, SET, GATE)

External Supervisor

Dr. Manoranjan Patnaik

Dy. Director (Chemical)

Industries Division), MGRI, Wardha



P.G. DEPARTMENT OF CHEMISTRY,

BAJAJ COLLEGE OF SCIENCE,

WARDHA – 442001 (M.S.) INDIA

2019-2020



Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515

Admn. Off : (07152) 241696

Library : (07152) 255070

Email : jbsciencewardha@yahoo.co.in

Website : jbsw.shikshamandal.org

Jamnallal Bajaj Marg

Civil Lines

Wardha-442001 (Maharashtra)

Uni. College No. 802


Jr. College No. 07-01-003


Ref No. J.B.C./ /20 - 20


Date : / / 20

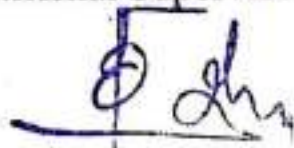
Certificate

This is to certify that the work presented under project entitled “**Synthesis and characterisation of thickener for textile printing**” is the own work of **Ms Mamta R. Chandak** conducted in the P.G. Department of Chemistry, Bajaj Science College, Wardha and Chemical Industries Division, MGIRI, Wardha.


Dr. Pradip V. Tekade
Internal supervisor


Dr. Nita P. Mohabansi
Head
Department of Chemistry


Dr. M. Patnaik
External Supervisor


Dr. Om A. Mahodaya
Principal
Bajaj Science College,
Wardha

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

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E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnalal Bajaj Marg,

Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 652

Jr. College No. : 07-01-003

Ref No. J.B.C./ /2019-2020

Date : // / / 2019

To

Dr R K Gupta,

Director, MGIRI, Wardha

Subject: Proposal for functional MoU between Bajaj College of Science and MGIRI, Wardha.

Dear Sir,

We are proud to have a committed National Institute under the Ministry of Micro Small & Medium Enterprises, Govt. of India i.e 'MGIRI' in Wardha, which is serving in rural entrepreneurs and enterprises by developing new technologies keeping Gandhian vision to support, upgrade and accelerate the process of Rural Industrialization in the country .

Our parent institution 'Shiksha Mandal, Wardha', the pioneer educational institution of Central India was established in 1914 by late Shri. Jamanalal Bajaj, Shri Shrikrishnadas Jajoo and others with the sole aim of providing quality education. It has also been awarded with the First Ideal Institution Award by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in August 2015. Bajaj College of Science (BCS), Wardha was founded in 1962 by Shiksha Mandal, Wardha, which imparts science education to more than 1,500 students from Junior College to Ph.D. At present BCS is an **Autonomous College** with Linguistic Minority status.

Most of our faculty have Ph.D, and NET/SET qualification. They are currently working on Major and Minor Research Projects. Projects are also regular part of UG and PG syllabus. To enhance our research activity, our staff and students need exposure, guidance as well as training from reputed national institutions. A step to move ahead in this direction could be achieved by having a functional memorandum of understanding (MoU) with your esteemed institution, MGIRI Wardha, which would be of interest to both the institutions.

So, I request you to consider our proposal to have a functional MoU between Bajaj College of Science, Wardha and MGIRI, Wardha.

Your positive response in this direction would be highly appreciated and awaited.

Thanking you in anticipation.

Regards,

(Dr. Om Mahodaya)
Principal



महात्मा गांधी ग्रामीण औद्योगीकरण संस्थान

Mahatma Gandhi Institute for Rural Industrialization

(सूक्ष्म लघु और मध्यम उद्यम मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय संस्थान)

(A National Institute under the Ministry of Micro, Small and Medium Enterprises, Govt. Of India)

मगनवाडी, वर्धा - 442001, महाराष्ट्र, भारत

Maganwadl Wardha - 442001, Maharashtra, India

दूरभाष क्र. Ph. 07152-253512, फैक्स क्र. Fax. 07152-240328

ई मेल E-mail director mgiri@gmail.com वेबसाइट Website www.mgiri.org

No. MGIRI/RCI/2018-19/125

दिनांक/Date: 19/07/2018

To

The Principal
J B Science College, Wardha.

Subject: Use of Abbe Refractometer for analysis of honey sample.

Sir,

This is inform you that we need to test a honey sample with Abbes' refractometer. This is available in your institute as per the information given by Dr. Pradip Tekade, Dept. of Chemistry.

It is requested to permit us to use the refractometer for said purpose.

With regards.

Yours sincerely

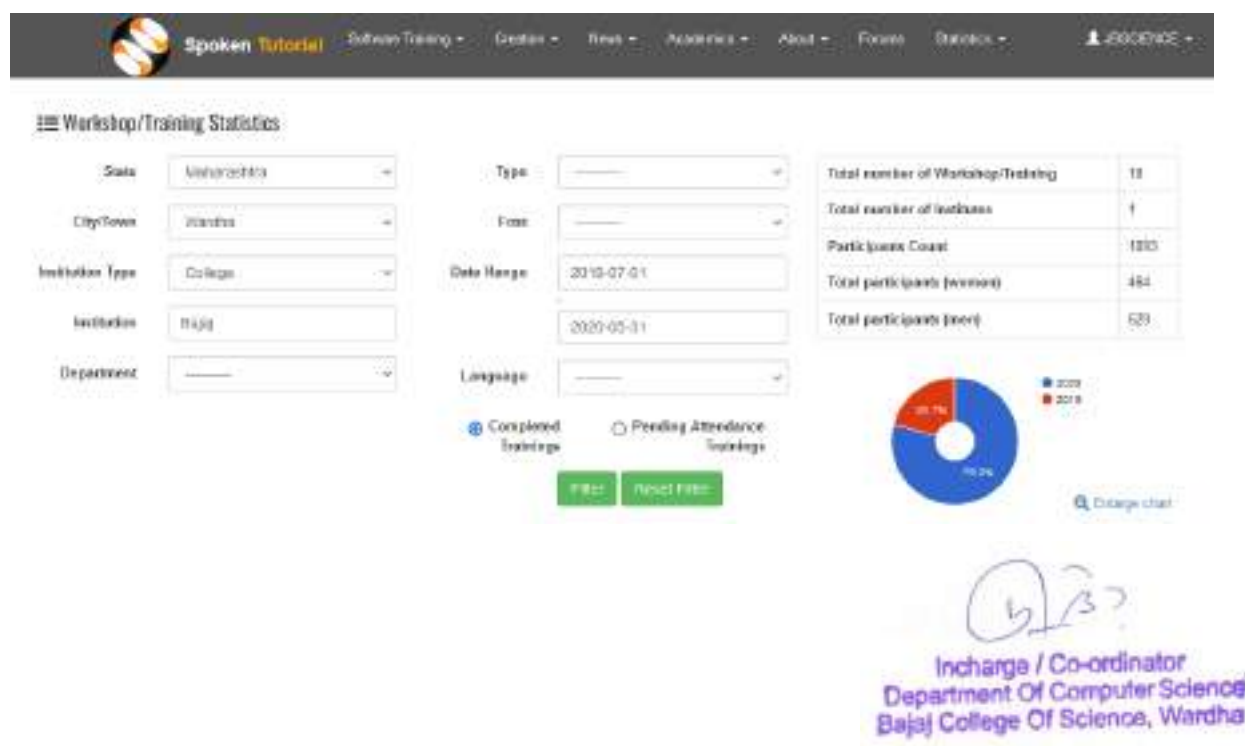

(Dr. M Patnaik)
Deputy Director
RCI Division

Shiksha Mandal's
Bajaj College of Science, Wardha
(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)

Report of Spoken Tutorial Program of IIT, Bombay
(Session 2019-20)

Shiksha Mandal's Bajaj College of Science, Wardha is always keen to provide quality education to the students and also to enrich them with additional skills. For this, institute has started providing the learning facilities, in the form of Spoken Tutorial of IIT Mumbai, to the students to acquire software knowledge which is available online. Also, to make it more productive, we have added this activity in the college timetable and received satisfactory results. This activity is mandatory for all second year undergraduate students.

In the academic session 2019-20, total 1093 students/participants were enrolled in 18 training programs including two Faculty Development Programms. In the difficult time of COVID-19 pandemic, institute was instrumental in keeping learning process continued not only to the students of the college but to the students and faculty from other areas including one international participant through faculty development program organized by Departments of Electronics and Chemistry.



Dr. P. A. Saudagar
Co-ordinator, STIIT



भारतीय प्रौद्योगिकी संस्थान मुंबई

पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाइट/Website : www.iitb.ac.in



Letter of Association

Date: 31st August 2018

To,
The Principal,
JANKIDEVI BAJAJ COLLEGE OF SCIENCE, WARDHA
Maharashtra

We are happy to announce the ASSOCIATION of Knowledge Partner Spoken Tutorial Program, IIT Bombay with JANKIDEVI BAJAJ COLLEGE OF SCIENCE WARDHA.

The Program is a part of the National Mission on Education through ICT, MHRD, Govt. of India, to spread IT Literacy all over India. We are promoting the learning and usage of Free & Open Source Software (FOSS), through an Audio-Video teaching tool, viz, 'Spoken Tutorial'.

We support and motivate colleges to train students on Basic Computer Skills, Software and IT. The course and the training is offered for Rs. 25,000 per year to all the Colleges.

You are making an outstanding contribution of using ICT based teaching and learning methodology for students of your College.

Yours Sincerely,

Shyama Iyer

Shyama Iyer
National Coordinator, Training
Spoken Tutorial, IIT Bombay





राष्ट्रीय प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF TECHNOLOGY
राउरकेला, ROURKELA-769008, ओडिशा, ODISHA

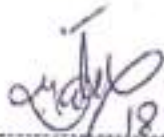


RIGHT TO
INFORMATION

July 18, 2019

Supervisor's Certificate

This is to certify that the work entitled in the thesis titled "*Role of Epigenetic regulators and Hedgehog signaling in Caveolin gene expression*" submitted by Ayushi D. Chaudhary is a record of original research carried out by her under my supervision and guidance in partial fulfilment of the requirements of summer internship program. Neither this thesis nor any part of it has been submitted earlier for any degree or diploma to any institute or university in India or abroad.


18/7/19

Prof. Samir Kumar Patra

Supervisor

Phone : (0661) 2476773, फेक्स Fax : (0661) 2462022, वेबसाइट Website : www.nitrkl.ac.in

मा.सं.वि. मंत्रालय, भारत सरकार के अधिन एक राष्ट्रीय महत्त्व का संस्थान
An Institute of national importance under ministry of HRD, Govt. of India

FOR SUMMER INTERNSHIP PROGRAMME 2019 at NIT ROURKELA

Date: 03.05.2019

To
The Chairman
Summer Internship Programme 2019
NIT Rourkela, Odisha
Rourkela - 769008

Recommendation

I recommend Ayushi Devendra Chaudhary
of M.Sc. 1st year Microbiology

Department

for summer internship with fellowship at NIT Rourkela to be held
during 20.05.2019 to 20.07.2019. He/she will join the programme if
selected**.

Delundare

Dr. Ms. S. S. Khandare
(Signature of Head, Dept. of Microbiology,
J.B. College of Science, Wardha)

Name of the Head of the Dept. Dr. Ms. Suhag S. Khandare

Name of the Institution J.B. college of science, wardha.

Office Seal:



** If selected, the student should intimate his/her confirmation of joining within stipulated time.
After confirming if not joined, the same information will be stored with NIT Rourkela for future
reference. By signing this form you also certify that there is no academic activity during this period in
your college/institute that may clash with this internship dates.

Note: Please take a print out of this form, fill up properly, get signed and stamped by the HOD,
scan it and upload it.

Report submitted to
National institute of technology, Rourkela



Submitted by
Ayushi D. Chaudhary
Msc 1yr, Department of microbiology
J.B. Sciences college, wardha

Under the guidance of
Prof. SAMIR KUMAR PATRA

Department of life sciences
National institute of technology, Rourkela
Orissa 2019-2020



राष्ट्रीय प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF TECHNOLOGY
राउरकेला, ROURKELA-769008, ओडिशा, ODISHA



Dr. Vidya Devi Negi, Ph.D., Assistant Professor,
Dept. of Life Science, NIT Rourkela, Odisha. email deviv@nitrrkl.ac.in

CERTIFICATE

This is to certify that the work in the thesis title "**Putative SH3 domain-containing protein's (YgiM) role in *Salmonella* infection**" submitted by Aditya Vilas Bhaskarwar is a record of original research carried out by him under my supervision and guidance in partial fulfillment of requirements of a summer internship program. Neither this thesis nor any part of it has been submitted earlier for any degree or diploma of any institute or university in India or abroad.

Vidya Devi Negi

19.07.2019

Dr. Vidya Devi Negi, Ph.D.
Assistant Professor
Department of Life Science
National Institute of Technology
Rourkela-769008, Odisha, India

फोन Phone : (0661) 2476773, फेक्स Fax : (0661) 2462022, वेबसाइट Website : www.nitrkl.ac.in

मा.सं.वि. मंत्रालय, भारत सरकार के अधिन एक राष्ट्रीय महत्व का संस्थान
An institute of national importance under ministry of HRD, Govt. of India

FOR SUMMER INTERNSHIP PROGRAMME 2019 at NIT ROURKELA

Date: 03-05-2019

To
The Chairman
Summer Internship Programme 2019
NIT Rourkela, Odisha
Rourkela - 769008

Recommendation

I recommend Aditya Vilas Bhaskarwar
of M.Sc. 1st year Microbiology

(Department)

for summer internship with fellowship at NIT Rourkela to be held
during 20.05.2019 to 20.07.2019. He/she will be join the programme if
selected^{**}.

S. S. Khandare

Dr. Ms. S. S. Khandare
(Signature)
Head, Dept. of Microbiology, J.B. College of Science, Wardha

Name of the Head of the Dept. Dr. Ms. Suhans S. Khandare

Name of the Institution J.B. College of science, wardha

Office Seal:



^{**} If selected, the student should provide his/her address proof of joining within six weeks of time. The institution must provide the same information to be approved by the NIT Rourkela. The student must also provide the bank statement of the last 6 months. The student must also provide the bank statement of the last 6 months. The student must also provide the bank statement of the last 6 months.

Note: Please take a print out of this form, fill up properly, get signed and stamped by the HOD, scan it and upload it.

Report submitted to

National institute of technology, Rourkela



Submitted by

Aditya V. Bhaskarwar

Msc 1yr, Department of microbiology

J.B. Sciences college, wardha

Under the guidance of

Prof. Vidya Devi Negi

Department of life sciences

National institute of technology, Rourkela

Orissa 2019-2020



4

Savitribai Phule Pune University
(Formerly University of Pune)
Department of Instrumentation Science

Internal Epbx : 1416
Phone : +91-20-25695195
Fax : +91-20-25695301

Ganeshkhind , Pune 411007.
E-mail : hod_disc@unipune.ac.in
URL : www.unipune.ac.in

Date: 13 June, 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **Aniket Chandrashekhar Nagrale** has done his internship in nanoparticle synthesis at Savitribai Phule Pune University, Pune from 6th May 2019 to 17th June 2019.

He has worked on a project titled 'Synthesis and Characterization of ZnSe nanoparticles by hydrothermal method'. This project was aimed to study different applications of nanoparticles.

During the internship he has learned handling various laboratory equipments and analyse the result. He has demonstrated good design skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project successfully on time.

We wish him all the best for his future endeavours.

Dr. Shweta D Jagtap

April 12, 2019

To

Dr. Vasant Chabukswar
Nowrosjee Wadia College,
19, Bund Garden Rd,
Sangamvadi, Pune
Maharashtra 411001

Subject: Application for the Inspire Internship Programme.

Respected Sir,

I am Naincy Shravan Kumar Jalan, second year B.Sc. student of Bajaj College of Science, Wardha writing this application to request you to mentor me for inspire internship programme. Sir, I would like to apply for a summer internship with inspire under your mentorship. While I have the pure science as background, my emphasis is on chemistry and innovations in it. It would be the golden opportunity for me to learn the current trends in the subject under your guidance which will be helpful for advancing my career.

I am keen to learn something in the field of nanochemistry which is changing this world by means of its smart applications. Sir, during my graduation, I did some project in our college under the supervision of faculty in the chemistry department. The work was focused on the Organic Dye Synthesis from the herbs available in our region and also I tried my hands on making the natural soaps.

Sir, I have enclosed my resume highlighting my education and extra curriculum and a copy of inspire fellowship award for your reference. My exams will be over by the end of first week of May 2019 so that I can join you from the second week of May at your place. I would be grateful to you for accepting my request.

Sincerely,

Naincy Jalan

Naincy Jalan
12/04/19

Permitting
[Signature]
12/4/19

1. Only Original Mark-sheet copy will be accepted. Internet copy of Mark-sheet will not be accepted.

7. Submission of Performance Reports and Mark-sheets:

- Except for very 1st year, scholarship for any academic year shall be paid to the scholar only after the evaluation/approval of (i) Performance report and (ii) Mark Sheet (semestral basis or two semesters in one academic year) of B.Sc./B.Sc./Int. M.Sc./Int. M.B. or M.Sc. course for previous academic year.
- The Scholar shall submit above (at (ii)) referred documents altogether. Scholarship will not be processed in case any one of the aforementioned documents is not submitted.
- Scholars are advised to submit their yearly Mark-sheets and performance related documents on-time, preferably within 2 months of announcement of yearly results to facilitate the payment of scholarship by DST-INSPIRE. However, keeping in view the diverse time schedules of the examinations in Universities across the country, scholars are permitted a maximum period of twelve (12) months to submit their Performance Report and Mark-sheets for a given completed academic year ending June every year. As an example, 2014 batch enrolled student is expected to submit the First Year Performance Report and First Year Mark Sheet before 30th June 2015. This analogy can be followed by other batches for the release of the INSPIRE Scholarship.
- If a scholar does not submit his/her annual Performance Reports and Mark-sheets for two consecutive academic years, the offer of scholarship shall be withdrawn.
- Provisional Mark-sheets will not be considered.

8. Research Projects Mentorship for Scholars: The main objective of INSPIRE/SHE program is to encourage young students to pursue Research as a career. In order to inculcate scientific values and develop scientific temper, the scholars are required to enrol in a Research Project every year. To avail the mentorship grant, the scholars are expected to do project work under a Research Supervisor (Mentor) during summer vacation period, in any recognized Universities or Institutes or Research Laboratories/ Centres of their choice outside their parent institutions either in India or abroad. The scholar may avail institutional arrangement or arrange both Mentoring Institution and Mentor to carry out this. Consumables required to carry out project work, if recommended by the Mentor, will be paid from the Mentorship Grant, either to the Institute where project work is pursued or to the Scholar directly.

(B.1) For students doing a project in India: The expenses related to travel, accommodation and consumable expenses are reimbursed to the student within the mentorship grant. Please note that no food expenses are covered by this grant, as the students receive scholarship during this period. The DST-INSPIRE shall make provision of Rs. 20,000/- per annum as Mentorship Grant to each INSPIRE Scholar to carry summer vacation research work every year. The minimum tenure of the project must be six to eight weeks. The duration of the project must be clearly mentioned in the project report. The Mentorship Grant shall be reimbursed either to the mentoring institutions as a bench fee to accommodate the INSPIRE scholar or directly to the Scholar to carry out research work. After completion of the project work at the Institute or University or Research Laboratory under a Research Supervisor (Mentor), the candidate should submit the following documents to the DST for reimbursement of the Mentorship Grant.

(a) A letter attested by the Research Supervisor and Head of Institution where the scholar is enrolled for the project. Duration of the project i.e. date of commencement and date of completion must be mentioned in the certificate.

(b) A report outlining the objectives and results of his/her project.

The scholars are requested to specify clearly to whom the mentorship grant must be reimbursed (Mentoring Institution or scholar).

(B.2) For students doing a project Abroad: Students at 4th or 5th year of the Scholarship may be allowed to carry out research project in any Institute/ University/ Laboratory abroad by utilizing the Mentorship Grant available for five years on pro-rata basis. If the sponsoring Institute pays any stipend or travel grant, only the difference between the support received from all sources put together and actual expenditure will be reimbursed from the Mentorship Grant. The DST-INSPIRE shall make provision of Rs. 20,000/- per annum or (Rs. 1,00,000/- in 5 years) as Mentorship Grant to INSPIRE Scholar to carry summer vacation research work abroad. The Mentorship Grant shall be reimbursed either to the mentoring institutions as a bench fee to accommodate the INSPIRE scholar or directly to the Scholar to carry out research work. In case a Scholar does not utilize this grant in any year during the tenure of INSPIRE Scholarship, it can be carried forward until the completion of the tenure of INSPIRE Scholarship. Student is eligible only to receive the expenditure, which he has incurred for basic research work. There is no provision for reimbursement of the unutilized grant to the student. After completion of the project work at the Institute or University or Research Laboratory under a Research Supervisor (Mentor), the candidate should submit the following documents to the DST for reimbursement of the Mentorship Grant.

(a) A letter attested by the Research Supervisor and Head of Institution where the scholar is enrolled for the project. Duration of the project i.e. date of commencement and date of completion must be mentioned in the certificate.

(b) A report outlining the objectives and results of his/her project.

(c) Travel Bill (Air Fare Tickets, Boarding Pass).



INSPIRE Scholarship – Post-Offer Implementation Guidelines for Scholars

INSPIRE Scholarship, offered to pursue undergraduate (UG) studies and continued up to post-graduate (PG) studies, is based on Class XII standard examination results (top 1%) of respective Boards or within eligible rank in chosen few competitive examinations such as JEE (main), JEE (advanced), NEET (AI/PM) and securing admission in science stream (in any of science course or its combination out of 16 identified subjects) at any recognized colleges or universities or academic institutions in the country.

INSPIRE Scholarship shall be regulated with the following guidelines:

1. **Mode of Intimation to Scholar:** All selected candidates shall receive a Provisional Offer letter on their web portal informing that they are selected for the scholarship. The selected students are required to log into the online portal to download the offer letter. The list of selected and rejected students will also be displayed on Home page of INSPIRE website. The selected candidates have to upload the required documents on their web-portal in prescribed time period (i.e. time period mentioned in offer letter) for further consideration.

2. **Confirmation of Scholarship Offer:** All offers made initially shall be 'Provisional'. This shall be confirmed based on the subjects/courses pursued in the B.Sc./B.S./Int. M.Sc./Int. M.S. course and upon submission of the first year B.Sc./B.S./Int. M.Sc./Int. M.S. examination Mark-sheets by the Scholar. In case of otherwise, the Offer stands invalid and no communication would be made separately in this regard.

3. **Re-admission or Change of College/ University:** Any change or re-admission to another College/ University/ Academic Institute within the same academic year is acceptable, provided the scholar pursues subjects out of identified 16 nos. subject(s). The Offer would stand invalid in case this change or re-admission occurs in the next academic year and term(s) or subject(s) pursued is/ are beyond the 16 identified subjects. In such a case, there will be no scope for restoration of the offer and no communication would be made separately to Scholar.

4. **Gap Year between B.Sc. and M.Sc.:** After completion of three years of B.Sc. program, students may join M.Sc. course (Natural and Basic Sciences only as per list) anywhere in the country. The scholarship will be discontinued in case of one year break or Gap between B.Sc. and M.Sc. course.

5. **Opening & Submission of Bank Account:** Scholars are required to open a regular Bank Account with India at any branch of State Bank of India, exclusively on Scholar's name. (opening of Joint Ac may be allowed only in case of Minor Scholars as under Guidelines (UG)). The scholars must submit the Accounts details in the specified format (through the online portal only) along with the self-attested photocopy of front page of Bank Passbook and Aadhaar or Aathar Enrolment slip, within 120 days of this Offer.

A maximum period of 120 days would be allowed to a scholar for the completion of Bank Account related formalities and the offer of the scholarship would stand cancelled in case the scholar fails to submit the account details within this time period. After this due date, the names of such scholars shall be notified at the website: www.online-inspire.gov.in as "Cancelled Scholarship" and no further communication shall be made separately to such scholars. All Scholars are also requested to visit their webportal regularly to see notifications on their Accounts related issues such as Invalid Accounts/ No Frills Accounts/ Joint Account/ Dormant Account and to take necessary actions within one month of such notification.

6. **Payment and Continuation of Scholarship:** The Scholarship for 1st and 2nd years are paid together at the second year of the scholars' undergraduate course. The Scholarship is paid on the basis of following:

a) Year-wise requirements:

Year of Scholarship	Basis	Documents to be submitted
First	Based on (i) Class XII Board Marks and (ii) continuation in second year course in the identified science subject(s) at the UG level.	First Year B.Sc./B.S./Int. M.Sc./Int. M.S. (i) Performance Report and (ii) Original Mark-sheets Copy.
Second	Based on Performance in First Year B.Sc./B.S./Int. M.Sc./Int. M.S. Exams.	
Third	Based on Performance in Second Year B.Sc./B.S./Int. M.Sc./Int. M.S. Exams.	Second Year B.Sc./B.S./Int. M.Sc./Int. M.S. (i) Performance report and (ii) Original Mark-sheet Copy.
Fourth	Based on performance in Third year B.Sc./B.S./Int. M.Sc./Int. M.S. exams and joining M.Sc. course in the identified science subject(s) at PG level.	(i) Third year B.Sc./B.S./Int. M.Sc./Int. M.S. Performance Reports and Original Mark-sheet Copy & (ii) M.Sc. Enrolment Certificate.
Fifth	Based on performance in First year M.Sc. exams or Fourth year Int. M.Sc./Int. M.S. exams (as the case may be)	First year M.Sc. or fourth year Int. M.Sc./Int. M.S. Performance Report and Original Mark-sheet Copy.

b) For continuation of INSPIRE Scholarship, the scholar shall (i) pass in all subjects in first attempt, and (ii) secure minimum 60% marks or 7.0 GPA (on a 10.0-point scale) in his/her annual examinations (or 2 semesters) in B.Sc. General/B.S./Int. M.Sc./Int. M.S. or M.Sc. examinations every academic year, failing which the scholarship for the next academic year will not be paid. If the grading in percentage conversion factor formula is not provided along with the mark sheet, then the CGPA will be evaluated on 10.0-point scale.

c) In case of B.Sc. Honours, for continuation of INSPIRE Scholarship, the scholar shall (i) pass in all subjects in first attempt, and (ii) secure minimum 60% marks or 7.0 GPA (on a 10.0-point scale) in his/her annual examinations (or 2 semesters) in Honours subject in B.Sc./B.S./Int. M.Sc./Int. M.S. or M.Sc. examinations every academic year, failing which the scholarship for the next academic year will not be paid.

d) If a scholar has failed or could not attend the annual/ any of the semester examination(s) in that year, the INSPIRE Scholarship for the next academic year will not be paid. However, scholarship will be released in the next to next academic year, provided the scholar's academic performance in next academic year is within the minimum eligibility norm mentioned at 5b and 5c.

e) The maximum tenure of INSPIRE Scholarship is five years. Except integrated MSc or integrated MS course, the scholarship shall continue at PG level only after successful completion of 3 years BS or 4 years BS course, for another two years or one year, depending upon the course pursued at the UG level. The Scholar needs to maintain their academic performance as per clause 5b, 5c and pursue only the identified subject(s) at the MSc level. If it is otherwise, the continuation of scholarship at the PG level stands cancelled automatically and no representations shall be entertained in this regard.

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
Technology Bhavan, New Mehrauli Road, New Delhi - 110016



Date: 23/05/2016

Subject: Provisional Offer of INSPIRE Scholarship for students of 2017 Batch

Dear Miss Naincy Shravan Jalan,

On the basis of your application submitted under Scholarship for Higher Education (SHE) component of the scheme, Innovation in Science Pursuit for Inspired Research (INSPIRE), I am delighted to inform that you have been provisionally selected for the award of INSPIRE Scholarship for the period starting 2017, which is the year of your enrollment in B.Sc./M.Sc. or Int. M.Sc. Course. Your INSPIRE Scholarship Registration Number is 201700051105.

The final selection for scholarship will be subject to the satisfaction of norms as listed in the Post Offer Implementation Guidelines, which is enclosed along with this offer letter.

The total amount of the Scholarship is Rs 80,000/- per annum, out of which Rs 60,000/- as scholarship @ Rs 5000 per month and Rs 20,000/- per year shall be reimbursed for expenses towards summer research internships in research/academic institutions. The maximum tenure of the Scholarship is five years, or until the completion of M.Sc. / Int. M.Sc. / Int. MS course, whichever is earlier, provided you continue to maintain academic excellence and performance. Please note that a student cannot avail more than one scholarship at any time. Further, an acceptance of the INSPIRE scholarship by a student, switching over to other government scholarship schemes including KVPY, is not allowed at any stage without the due permission of the DST.

The Scholarship will be provided directly to you through the State Bank of India (SBI) to your bank account. To facilitate the transfer of Scholarship to your bank account, you are requested to open a normal Savings Bank Account in your name only, at any branch of State Bank of India (SBI) in the country, having no limit of cash transfer (Jadahan, Kiosk, Zero Balance Opening Account or similar type account may please avoided). Please note that joint account or account in Banks other than SBI will not be accepted. Upon opening of the Savings Bank account at SBI, you may please fill up the pro-forma available on the online web-portal with the requisite information.

This is provisional offer of scholarship on the basis of application submitted by you, but for the release of scholarship you have to upload the following documents on your web portal only at prescribed time frame as mentioned below.

1. Stage 1:

Submission of Account Details: The scholars must submit the Account details in the specified format (through the online portal only) along with the self-attested photocopy of front page of Bank Passbook and Aadhaar card or Aadhaar Enrolment Slip, within 120 days of this Offer. After the expiry of 120 days from the date of provisional offer, the online access to the webportal would be ceased and no further submission of Bank Account related formalities and other documents would be possible. The offer of the scholarship for all 5 years would stand cancelled and no representation will be entertained in this regard.

2. Stage 2:

Submission of B.Sc. First year Documents: The students who have successfully uploaded the bank details formalities as mentioned at Stage 1 would only be allowed to proceed further for stage 2. A maximum period of 365 days (1 year) from the date of offer would be allowed to the scholar for the submission of yearly Performance Reports and Mark Sheets of 1st year B.Sc./ Int. M.Sc. or Int. M.S Course through uploading on the webportal only. The webportal will be closed after the expiry of 365 days from the date of offer and further uploading of documents will not take place. It may be noted that the offer of scholarship would stand cancelled in case the scholar fails to submit the annual result within this time period.

iii. The scholarship will be processed for release to those students only who have successfully uploaded the documents as mentioned at Stage 1 and Stage 2 within stipulated time limit.

iv. The documents sent by post are not accepted under Scholarship of Higher Education (SHE) programme.

For any assistance during online submission of documents, you can write to inspire_prog_dst@nic.in or call 0120-4670200 (Mon-Sat, 10AM to 5PM).

With best regards,

Ms. Tamanna Arora
Scientist 'C'
INSPIRE Programme Division

To,
Miss Naincy Shravan Jalan
C/o Shravan
Hawaldarpura Near Gurati Bhawan
Wardha - 442001 MAHARASHTRA

This is a computer generated letter, no signature is required

Department of Science and Technology

[INSPIRE Program]

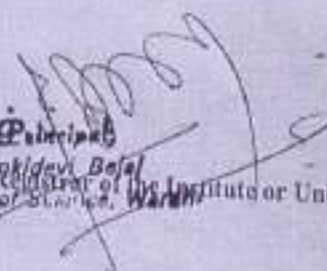
Performance Report / Certificate from the Principal of the College/Director or Registrar
of the Institute or University for continuation of the INSPIRE Scholarship

INSPIRE Registration No: 201700051105

It is certified that Mr/Ms. Nainu Shrivankumar Talan
son/daughter of Shrivankumar Talan
T.B. Science College, Waudha..... is an INSPIRE Scholar of
(Name of the College/University/Institute)
and his/her performance is Satisfactory or Not satisfactory (strike-off whichever is not applicable)
in the First/Second/Third year of B.Sc./Integrated M.Sc./M.S. or First year of M.Sc. for continuation of
INSPIRE Scholarship. (strike-off whichever is not applicable)

I recommend that his/her INSPIRE Scholarship may be Continued or Discontinued in the
year 2017 to 2018.

It is also certified that the student is NOT receiving scholarship from any source other than the
Department of Science and Technology, Government of India.

Signature with Rubber stamp of the 
(Principal of the College/Director or Registrar of the Institute or University)
Place Waudha College of Science, Waudha

Date 06/07/2018

Note: Attach self-attested copy of Marks-Sheet of the Annual/Semester examination of B.Sc. /Int. M.Sc.
or M.Sc. course.

Maharashtra State Board of Secondary and Higher Secondary Education, Pune-04

NAGPUR

Divisional Board NAGPUR

0017B4

Advisory Note to the Candidate for Eligibility in Scholarship for Higher Education (SHE) component under INSPIRE scheme.

It is declared/ certified that

JALAN NAINCY SHRAVANRUMAR

Seat No. NOS1127

Hr. Sec. School No.

07 01 003

- Date of Birth

01-09-1999 is eligible

for award of Scholarship for Higher Education (SHE) under Innovation in Science Pursuit for Inspired Research (INSPIRE) by virtue of performance within top 1% of the School Board at Class XII level in the examination held during the academic session ending March 2017.

Performance in top 1% in Class XII Board examination and followed by enrolment into education in Basic and Natural Science courses at BSc/Integrated MSc or MS levels shall make you eligible for consideration of INSPIRE Scholarship for Higher Education of GoI valued at Rs. 80,000/- per year for five years.

In case of enrolling yourself into Bachelor or Integrated Master's level programmes in Basic and Natural Science courses at <http://www.inspire-dst.gov.in/SHE.html> (Select Blank Format Option—Endorsement Certificate) in any University or College in India, recognized by UGC, India, you are advised to register in Scholarship for Higher Education (SHE) through on-line registration at www.online-inspire.gov.in and apply with required documents through **ONLINE MODE** only, as and when this scheme is opened/announced for submission of application.

Please note that this Advisory Note is issued to you for intimation only. It is neither a selection letter of INSPIRE-SHE scholarship nor has guarantee to offer the said scholarship to you by INSPIRE PROGRAM DIVISION.

Divisional Secretary,

Divisional Secretary
Maharashtra State Board of Secondary Education
Pune-04, Maharashtra

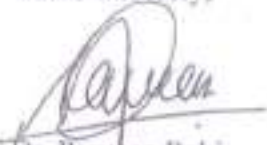
28 June 2019

To whom it may concern

Ms. Kalyani Badhiye has worked in my laboratory for the period of two months from 20 May to 28 June 2019. She has been a thorough impresser throughout the period of her stay by performing better each time and showcasing her versatility during her course performed various experiments including preparation of culture media, isolation of rhizobia from pea and chickpea root nodules, purification of bacterial cultures by streaking, gel electrophoresis, polymerase chain reaction (PCR), and identification of bacteria using MALDI-TOF MS.

During this time, it became immediately evident that Ms. Kalyani is a bright student and an ambitious learner on a pursuit of faultlessness. She would compel herself to perform better at each task and push her limits to yield the best results. She is sincere and intelligent with cordial behavior as an amenable team member. She has always been a great support to her fellow students in their research work. Based on my observation, she clearly has the interest to excel in the field of research and based on her performance, she has the ability to achieve success. If you need any more information about Ms. Kalyani, please do not hesitate to contact me.

Yours sincerely,



Dr. Praveen Rahi

Scientist and In-charge, MALDI-TOF MS facility,

National Centre for Microbial Resource,

National Centre for Cell Science, Pune

Phone: +91 20 25329023; e-mail: praveen@nccs.res.in, praveen_rahi22@yahoo.co.in



SUMMER RESEARCH FELLOWSHIP PROGRAMME CERTIFICATE

This is to certify that Mr Kartik Ghanshyam Gokhe worked on a project entitled "Exoplanets: Methods of detection and analysis" during May - June 2019 as a Summer Research Fellow under the supervision of Dr R. Sridharan, Indian Institute of Astrophysics, Bengaluru. The Summer Research Fellowship Programme is jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Allahabad).

M. R. N. Murthy

Place: Bengaluru

Date: 02-07-2019

M. R. N. Murthy

Chairman, Science Education Panel



SCIENCE ACADEMIES' SUMMER RESEARCH FELLOWSHIP PROGRAMME



Indian Academy
of Sciences
Bengaluru

C S Ravi Kumar

*Assistant Executive Secretary &
Coordinator, Science Education Programme*

02 July 2019

Mr Kartik Ghanshyam Gokhe
Shri Swami Samarth Nagari
Behind New Arts College Murarka Layout
Wardha 442001 [Maharashtra]

Email: kgokhe1@gmail.com

Dear Mr Gokhe,

We are happy that you have successfully completed the summer fellowship awarded to you. We hope that this has been a useful experience and will help you to shape your career in science.

The Academy would like to present you with complimentary copy of the Academy publications "C V Raman – A Memoir".

We would like you to keep in regular touch with the Academy about your career. Your page in our website will therefore remain open for the next few years. You can access it using the same userid and password provided to you. Please use this page to let us know about your career whenever you have something significant to report.

Wishing you the best in your career,

Yours sincerely,

C S Ravi Kumar



Indian National
Science Academy
New Delhi

THE NATIONAL ACADEMY OF SCIENCES
of Sciences, India
Prayagraj

Contact Address:
Indian Academy
of Sciences
P B No 8005
C.V. Raman Avenue
(near Melhi Circle)
Sadashivanagar P O
Bengaluru 560 080

Telephone :
080-2266 1207
080-2266 1202
080-2266 1221

Fax : 080-2361 6094

Email :

icntsrf@ias.ac.in

Website : www.ias.ac.in



सेन्टर फॉर मेटिरियल्स फॉर इलेक्ट्रॉनिक्स टेक्नोलॉजी (सी-मेट)

(वैज्ञानिक संस्था, इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार)

पंचवटी, ऑफिस डॉ. होमी भाभा मार्ग, पाषाण, पुणे - ४११ ००८, भारत.

CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)

(Scientific Society, Ministry of Electronics & Information Technology (MeitY) Govt. of India)

Panchwati, Off. Dr. Homi Bhabha Road, Pashan, Pune - 411 008, INDIA.

Tel. : +91-020-2589 8390, 2589 9273, 2589 8141

Fax : +91-020-2589 8180 / 2589 8085

E-mail : cmelp@cmet.gov.in

Web : <http://www.cmet.gov.in>

Date: 10/10/2017/1192

To,
The Principal
Jankidevi Bajaj College of Science,
Wardha-442001,

Dear Sir,

With reference to your letter (J.B.C./1318/2017-18 dated 07/10/2017), I would like to give in-principle acceptance to officially collaborate with your institute Jankidevi Bajaj College of Science, Wardha for the proposed certificate course - 'Nanosense' in which students can visit our institute for two days during course. This collaboration would be instrumental in promoting the interdisciplinary nanotechnology at your institute.

I, along with the other members of C-MET, Pune will provide ample amount of time to your students during their visit in our institute during the certificate course 'Nanosense' subject to availability of time and resources. I am appointing Dr. Sudhir Arbuj, Scientist from my institute as a co-ordinator for this 'Nanosense' programme who will further communicate with your co-ordinator Mr. G. V. Lakhotiya and will take care of the visits of students from your institute. As per the feedback and demand, we can extend this series of 'Nanosense' twice a year. I ensure you to provide scientific input (and mentoring) but will not have any duties associated with your regular curriculum.

Further, in keeping mind the mission to promote and facilitate research for skill development, I am extending my hands to promote the research culture in the semi-urban area like Wardha and welcome the students for student internship programme under which the talented students (UG/PG) from your institute can plan a short-term internship in the field of material science and electronics technology at our place. This collaboration will not only help the society but also set the new trend of collaboration between a dedicated research institute like C-MET, Pune and academic institute like Jankidevi Bajaj College of Science, Wardha.

I look forward for this collaboration for next three years, subject to the conditions mentioned in the letter.

Sincerely,

Dr. Bharat B Kale
Director, C-MET Pune



सेन्टर फॉर मेटिरियल्स फॉर इलेक्ट्रॉनिक्स टेक्नोलॉजी (सी-मेट)

(वैज्ञानिक संस्था, इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार)

पंचवटी, ऑफ डॉ. होमी भाभा मार्ग, पाषाण, पुणे - ४११ ००८, भारत.

CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)

(Scientific Society, Ministry of Electronics & Information Technology (MeitY) Govt. of India)

Panchwadi, Off. Dr. Homi Bhabha Road, Pashan, Pune - 411 008, INDIA.

Tel. : +91-020-2589 8390, 2589 9273, 2589 8141

Fax : +91-020-2589 8180

E-mail : cmetp@cmet.gov.in

Web : <http://www.cmet.gov.in>

CERTIFICATE

This is to certify that the work incorporated in the present report entitled "Synthesis and Characterization of Metal Organic Frameworks specifically MIL-53 (Aluminium)" was carried out by Ms. Urvi Gupta graduate student of Bajaj College of Science, Wardha-442001 under my supervision. The work is carried out at C-MET Pune during summer internship (May 2019 to July 2019). Other material obtained from other sources has been duly acknowledged in this report.

Sudhir S. Arbu
05/07/2019

Dr. Sudhir S. Arbu

Guide

C-MET, Pune

NCCS/AC/ST-06/IAS-2019/981

Date: 12.07.2019

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to **Ms. Trupti Murkute** for successful completion of Summer Internship programme-2019 from 10.05.2019 to 12.07.2019 under the guidance of Dr. J. Joseph, Scientist 'F', NCCS, Pune.

Project Title: "Studying the in vitro interaction between the nucleoporin Nup358 and Ago2".

Mosami G
12/07/19
मोसमी गोसावी / Mosami Gosavi
त. अधिकारी 'क' / T. Officer 'A'
शैक्षिक कक्ष / Academics



To,
Mr. Trupti Murkute,
Summer Trainee-IAS

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur
(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore
College with potential for Excellence, UGC, New Delhi

A
PROJECT REPORT ON

"PERFORMANCE PROPERTIES OF MODIFIED CORN STARCH AS AN LAMINATING ADHESIVE"

In the partial fulfillment of the requirement for the degree of
MASTER OF SCIENCE
In **CHEMISTRY**
(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by
Miss. Harshada Ashishrao Chikhalkar
M.Sc Chemistry (Sem-IV)

Under the Guidance of

Internal Supervisor
Dr. Pradip V. Tekade
Incharge
Department of Chemistry
Associate Professor
(M.Sc., Ph.D., NET, SET, GATE)

External Supervisor
Dr. Manoranjan Patnaik
Dy. Director Chemical
Industry Division, MGRI,
Wardha.



P.G. DEPARTMENT OF CHEMISTRY,
JANKIDEVI BAJAJ COLLEGE OF SCIENCE,
WARDHA- 442001 (M.S.) INDIA
2018-19

Shiksha Mandal's
Establishment Year : 1962

Jankidevi Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsw.wardha@yashwantrao.com
website : jbsw.shikshamandal.org



Jamnabai Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Ref No. J.B.C./ /20 -20


Date 22/04/2013

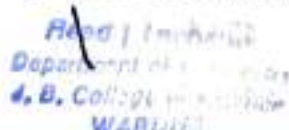
Certificate

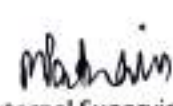
This is to certify that the work presented under Project entitled
"Performance properties of modified Corn starch as an laminating adhesive" is
the own work of Miss. Harshada Ashishrao Chikhalkar conducted in the
Chemical based Industry Division MGIRI Wardha and P.G. Department of
Chemistry, Jankidevi Bajaj college of Science, Wardha.

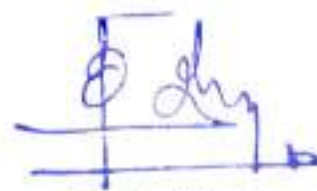
Place : Wardha

Date :


Internal Supervisor
Dr. P. V. Takade
Incharge
Department of Chemistry


Department of Chemistry
J.B. College of Science
WARDHA


External Supervisor
Dr. M. Patnalk
Dy. Director
Chemical Based Industry
Division, MGIRI, Wardha


Dr. Om Mahodaya
Principal
J.B. College of Science,
Wardha
PRINCIPAL
J.B. College of Science
WARDHA

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REPORT ON

"MODIFICATION AND CHARACTERIZATION OF STARCH AS AN ADHESIVE"

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In CHEMISTRY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss. Sakshi Shyam Kawle

M.Sc Chemistry (Sem-IV)

Under the Guidance of

Internal Supervisor

Dr. Pradip V. Tekade

Associate Professor

(M.Sc., Ph.D., NET, SET, GATE)

External Supervisor

Dr. Manoranjan Patnaik

Dy. Director (Chemical
Industries Division) MGIRI,
Wardha



P.G. DEPARTMENT OF CHEMISTRY,
JANKIDEVI BAJAJ COLLEGE OF SCIENCE,
WARDHA- 442001 (M.S.) INDIA
2018-19

Shiksha Mandal's
Establishment Year : 1962

Jankidevi Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

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Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbscienceswardha@yahoo.co.in
website : jbsw.shikshamandal.org




Jamnala Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Univ. College No. : 802
Jr. College No. : 07-01-003

Ref No. J.B.C./ /2018-2019

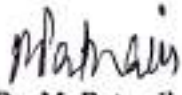
Date : 22/04/2019

Certificate

This is to certify that the work presented under Project entitled
"MODIFICATION AND CHARACTERIZATION OF STARCH AS AN ADHESIVE" is
the own work of Miss. Sakshi Shyam Kawle conducted in the P.G. Department of
Chemistry, Jankidevi Bajaj college of Science, Wardha.


Dr. Pradip V.
Tekade

Internal Supervisor
(M.Sc., Ph.D., NET,
SET, GATE)



Dr. M. Patnaik

Dy. Director (Chemical
Industries Division) MGRI,
Wardha


Dr. Om A. Mahodaya

Principal
Jankidevi Bajaj
College of Science,
Wardha

PRINCIPAL
J. B. College of Science
WARDHA


23-4-19

Shiksha Mandal's
Bajaj College of Science, Wardha
(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)

Report of Spoken Tutorial Program of IIT, Bombay
(Session 2018-19)

Shiksha Mandal's Bajaj College of Science, Wardha is always keen to provide quality education to the students and also to enrich them with additional skills. For this, institute has started providing the learning facilities, in the form of Spoken Tutorial of IIT Mumbai, to the students to acquire software knowledge which is available online. Also, to make it more productive, we have added this activity in the college timetable and received satisfactory results. This activity is mandatory for all second year undergraduate students.

In the academic session 2018-19, total 471 students were enrolled in 23 training programs. The major trainings were offered in the following FOSS categories- ChemCollective Virtual Labs, ExpEYES, Arduino, LaTeX, CellDesigner and Python.




Incharge / Co-ordinator
Department Of Computer Sciences
Bajaj College Of Science, Wardha

Dr. P. A. Saudagar
Co-ordinator, STIIT



भारतीय प्रौद्योगिकी संस्थान मुंबई

पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाइट/Website : www.iitb.ac.in



Letter of Association

Date: 31st August 2018

To,
The Principal,
JANKIDEVI BAJAJ COLLEGE OF SCIENCE, WARDHA
Maharashtra

We are happy to announce the ASSOCIATION of Knowledge Partner Spoken Tutorial Program, IIT Bombay with JANKIDEVI BAJAJ COLLEGE OF SCIENCE WARDHA.

The Program is a part of the National Mission on Education through ICT, MHRD, Govt. of India, to spread IT Literacy all over India. We are promoting the learning and usage of Free & Open Source Software (FOSS), through an Audio-Video teaching tool, viz, 'Spoken Tutorial'.

We support and motivate colleges to train students on Basic Computer Skills, Software and IT. The course and the training is offered for Rs. 25,000 per year to all the Colleges.

You are making an outstanding contribution of using ICT based teaching and learning methodology for students of your College.

Yours Sincerely,

Shyama Iyer

Shyama Iyer
National Coordinator, Training
Spoken Tutorial, IIT Bombay



To Whomsoever It May Concern

This is to certify that Dr. Ms. Suhas Khandare, Department of Microbiology, Jankidevi Bajaj college of Science, Wardha, worked in my laboratory during 21-05-2018 to 04-06-2018 as a trainee. She has learned the techniques of SDS-PAGE Electrophoresis, Cloning and Primer Designing.

Date: 4/6/2018



Dr. Arvind Sahu

Scientist "G"

NCCS, Pune

Date: 01-06-2018

To Whom It May Concern

This is to certify that Dr. M. R. Chandrakar worked in Dr. M. K. Bhat's laboratory at NCCS during 21-05-2018 to 02-06-2018 as a trainee.

She has learned the basic techniques required to study Cytotoxicity i.e. Cell Culturing, Cell Counting, Subculturing, Techniques to study Cell Viability and Proliferation:MTT Assay and Western Blotting.


11/6/2018

Dr.M.K.Bhat
Scientist 'G' and Dean, (Academics)
NCCS,Pune



Date: 1.6.2018

To Whom It May Concern

This is to certify that Dr.U.A.Malode-Bidwai worked in DR. M. K. Bhat's laboratory at NCCS during 21-05-2018 to 02-06-2018 as a trainee.

She has learned the basic techniques required to study Cytotoxicity i.e. Cell Culturing, Cell Counting, Subculturing, Techniques to study Cell Viability and Proliferation:MTT Assay and Western Blotting.


16/6/2018
Dr.M.K.Bhat

Scientist 'G' and Dean, (Academics)
NCCS,Pune



NCCS

National Centre for Cell Science, Pune

(Autonomous Institute of Dept. of Biotechnology, Govt. of India)


This is to certify that

Mr. Vaibhav Khandwekar

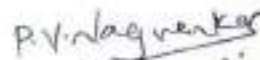
participated and successfully completed the
Hands-on Training Workshop on

Basic Cell Culture Technology

conducted by
NCCS Cell Repository
May 14th-17th, 2018



Dr. Shekhar Mande
Director



Dr. Punam Nagvenkar
Course Co-ordinator



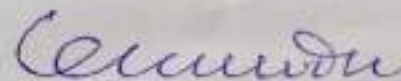
Dr. Rahul Patil
Course Co-ordinator

4th June, 2018

Certificate

(To whomsoever it may concern)

This is to certify that, Dr. Prashant G. Borkar of Jankidevi Bajaj College of Science, Wardha (Maharashtra) has worked at NCCS in my laboratory from 21st May 2018 to 4th June 2018 as Visiting Faculty. During his stay at NCCS, he learnt some basics of cancer research and planned for long term R&D project "Development of new anticancer agents" in collaboration with me.



Dr. Gopal C. Kundu
Scientist-G,
Laboratory of Tumor Biology,
Angiogenesis and Nanomedicine Research,
National Centre for Cell Science (NCCS),
Pune 411007, India.

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Department of Chemistry

To,

The Principal,

Jankidevi Bajaj College of Science, Wardha

Sir,

We are happy to inform you that one of our P.G. student Ms. Mansi Pande successfully completed the Internship Work under the supervision of Dr. Shweta Jagtap, Asstt. Prof, Dept. of Instrumentation Science, S. P. Pune University, Pune from 25th April 2018 to 30th May 2018.

Prof. Govinda Lakhotiya guided her in this regard.



(Dr. P. V. Tekade)

Co-ordinator, PG, Chemistry



Internal Epx : 1416
Phone : +91-20-25695195
Fax : +91-20-25695301

Savitribai Phule Pune University

(Formerly known as)

University of Pune

Department of Instrumentation Science

(University Science Instrumentation Centre)

Ganeshkhind, Pune 411007.

e-mail : hod@disc.unipune.ac.in

URL : <http://disc.unipune.ac.in>

30/05/2018

Internship certificate

This is to certify that Mansi Sudhir Pande, a student of Masters of Science (Chemistry) of Jankidevi Bajaj college of Science, Wardha (Autonomous), R.T.M. Nagpur University, Nagpur worked on nanoparticle synthesis of zinc oxide compound and its humidity sensing application. Her internship work was held from 25th April 2018 to 30th May 2018 under the guidance of Dr. Shweta Jagtap, Asst. Professor, Dept. of Instrumentation Science, S.P. Pune University, Pune. She has successfully synthesized ZnO nanoparticles and has been able to present a good picture of concerned works.

Mansi Sudhir Pande possesses a good moral character and pleasing personality. I wish her every success in life.



Dr. Shweta Jagtap
Assistant Professor

Department of Instrumentation Science,
Savitribai Phule Pune University, Pune

Establishment year : 1962

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Ranked 88th by NIRF, Ministry of HE, New Delhi

Office/Fax : (07152) 230515
Admin. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsciencewardha@yahoo.co.in
website : jbw.shikshamandal.org
Ref No. J.B.C./16/2017-2018



Jamnalal Bajaj Marg,
Civil Line
Wardha - 442 003 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003
Date 2/12/2017

To,
Dr. Arti Shanware,
Director, RGBC, RTMNU,
Amravati Road, Nagpur.

Madam,

Jankidevi Bajaj College of Science was established in 1962 by Shiksha Mandal, with the prime objective of catering science education at Wardha. It is Grant-in-aid College affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

The college is accredited by NAAC with the prestigious 'A' grade (CGPA of 3.21) and honoured with a status of College with Potential for Excellence (CPE) by UGC, New Delhi and selected under 'Star College Scheme by Govt. of India. Recently it is conferred with **Autonomy status**. It is a Linguistic Minority institution offering undergraduate, postgraduate and Ph.D. programme in science faculty.

Department of Life Sciences (Microbiology, Zoology, Botany, and Chemistry) runs both UG and PG courses. To make our students more acquaint with current trend in research and to come across with research culture we are planning to visit your esteemed and well known institute in the month of January 2018, keeping in view the soothing academic communication with research institute and college which may help to frame a bridge between them. It's a humble request to you to provide us date as per your convenience. Our students will be more fortunate if they get chance to visit your institute which has a strong inheritance. Hope for positive reply and oblige.

Regards,

Sincerely yours,

Dr. O. A. Mahodaya

Establishment Year : 1962

Shiksha Mandal's

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Autonomous College

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E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnabai Bajaj Marg,

Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Date 21/12/2017

Ref No. J.B.C./61/ 2017-2018

To,

Dr. M.S. Ladaniya

Director, Central Citrus Research Institute,

ICAR, Govt. of India,

Amravati Road, Nagpur.

Sir/Madam,

Jankidevi Bajaj College of Science was established in 1962 by Shiksha Mandal, with the prime objective of catering science education at Wardha. It is Grant-in-aid College affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

The college is accredited by NAAC with the prestigious 'A' grade [CGPA of 3.21] and honoured with a status of College with Potential for Excellence (CPE) by UGC, New Delhi and selected under 'Star College Scheme by Govt. of India. Recently it is conferred with **Autonomy status**. It is a Linguistic Minority institution offering undergraduate, postgraduate and Ph.D. programme in science faculty.

Department of Life Sciences (Microbiology, Zoology, Botany, and Chemistry) runs both UG and PG courses. To make our students more acquainted with current trend in research and to come across with research culture we are planning to visit your esteemed and well known institute in the month of January- 2018, keeping in view, the soothing academic communication with research institute and our college which may help to frame a bridge between us. It's a humble request to you to provide us date as per your convenience. Our students will be more fortunate if they get chance to visit your institute which has a strong inheritance. Hope for positive reply and oblige.

Regards,

Sincerely Yours

Dr. Om A. Mahodaya

Jankidevi Bajaj College of Science, Wardha

P. G. Department of Microbiology

Industry-Academia Meet: Rajiv Gandhi Biotechnology Centre (RGBC), Central Citrus Research Institute(CCRI), and Government Institute of Forensic Science, Nagpur.

2nd February 2018.

Report

Department of Microbiology has organized an educational tour under industry-academia programme on 2nd Feb.2018. Total 40 post graduate students of semesters II and IV along with PG Coordinator Dr. Ulka Malode and faculty, Mr. Suraj Kombe visited Rajiv Gandhi Biotechnology Centre and Central Citrus Research Institute Nagpur. Students get benefited by this tour since they come to know the working and different sectors in research institute. At Rajiv Gandhi Biotechnology Centre, students visited Central Research and Development laboratory, Gene Laboratory and Animal Tissue Culture Laboratory. The students came to know working of PCR, Horizontal Electrophoresis, Lyophilizer etc. Consultancy officer at Rajiv Gandhi Biotechnology Centre demonstrated the Production of Biofertilizer and biopesticides. Dr. Arti Shanware, Director of Rajiv Gandhi Biotechnology Centre addressed about mission, vision of RGBC and delivered a lecture on Liquid Biofertilizer.

Dr.C. N. Rao, Principal Scientist and Dr. Dhengre, Scientist at CCRI laborates the ongoing research work at Central Citrus Research Institute (CCRI). Students get acquainted with the various laboratories at CCRI such as Entomology Laboratory, Plant pathology and Nurseries. A live demonstration was arranged on the budding process of Citrus plants in nursery.

At Government Institute of Forensic Science, Prof. Milind Panchabhai addressed us about the Institute and make our visit feasible at different Laboratories by demonstrating FTIR, Research Microscope, U.V Visible Spectrophotometer, HPLC and Video Spectral Comparator (VSC) machine which is used for the analysis of Question Documents in Forensic Sciences.



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe gathered at college campus to start journey to Nagpur for Industry visit and Consultancy Officer at RGBC giving demonstration on Biofertilizer and Biopesticide Production



Consultancy Officer at RGBC giving demonstration on Biofertilizer and Biopesticide Production



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe during presentation on working of CCRI, Nagpur and Dr.Dhengre ,Scientist at CCRI demonstrating methods of biological pest control



Post Graduate students along with Staff Dr.U.A.Malode and S.V.Kombe at Nursery of CCRI,Nagpur



Technician at CCRI,Nagpur giving Demonstration on Budding of Citrus Plant and Dr.MilindPanchbhayee, faculty at Govt.Institute of Forensic Science,Nagpur addressing students



A lecture delivered by Dr.Arti Shanware, Director of Rajiv Gandhi Biotechnology Centre on Liquid Biofertilize and Vote of thanks delivered by Dr.U.A.Malode to Dr.Arti Shanware and team, Director of Rajiv Gandhi Biotechnology Centre,Nagpur



Students presenting a token of Love Dr.Arti Shanware and team, Director of Rajiv Gandhi Biotechnology Centre, Nagpur and Thanks giving letter and token of love on behalf of J.B.College of Science,Wardha given to Dr.C. N. Rao, Principal Scientist and Dr. Dhengre, Scientist at CCRI,Nagpur.



Thanks giving letter and token of love on behalf of J.B.College of Science,Wardha given to Dr. Khobragade,Director ,Govt.Institute of Forensic Science,Nagpur

(Dr. U.A. Malode)
P. G. Coordinator
Dept. of Microbiology

Year : 1962
Shiksha Mandal's
Jankidevi Bajaj College of Science, Wardha

Autonomous College
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Jamnalal Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003

Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org

Date 21/01/2018

Ref No. J.B.C./ /2017-2018

To,
Mr. Vivek Mehrotra,
Vice president, H.R.
Uttam Galva Metalics Ltd.,
Bhugaon Link Road, Wardha.

Dear Sir,

We are highly obliged to you and team of "Uttam Galva Metalics Ltd., Bhugaon Link Road, Wardha" for organizing industrial visit of P.G.(Chemistry) students of our college. Our students and faculty definitely get benefitted by this visit. We hope same cooperation from you in future also.

With regards

Dr. Mahodaya
Head / Incharge
Department of Chemistry
J. B. College of Science
WARDHA

Dr. Mahodaya
Yours Faithfully,
Dr. Om A. Mahodaya
Principal,
(Principal) Bala
College of Science, Wardha.

Jankidevi Bajaj College of Science, Wardha

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Jamnalal Bajaj Marg,
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003
Date 25/01/2018

Ref No. J.B.C./ /2017-2018

To,
Mr. Vivek Mehrotra,
Vice president, H.R.
Uttam Galva Metalics Ltd.,
Bhugaon Link Road, Wardha.

Subject: Educational tour to your esteemed organization.

Sir,
Jankidevi Bajaj College of Science, Wardha was founded in 1962 by Shiksha Mandal Wardha, which imparts Science education to more than 1500 students from Junior college to Ph.D. At present, our college is an autonomous college with linguistic minority status.

Sir, about 35 students of M.Sc Chemistry are interested to visit your esteemed industry particularly research laboratories and sophisticated instrumentation centre. Three staff members would also accompany them.

We shall be highly obliged if you permit us to visit your institute and convey the date of visit on 19th or 20th December 2017.

Contact Person : Dr. P.V.Tekade (pradiptekade@gmail.com, 9422556608/9673459736)

Thanking you.

Dr. P.V. Tekade
Head / Incharge
Department of Chemistry
J.B. College of Science
Wardha

Dr. Om A. Mahodaya
Yours Faithfully,
Principal,
Jankidevi Bajaj
College of Science, Wardha.

JANKIDEVI BAJAJ COLLEGE OF SCIENCE, WARDHA (AUTONOMOUS)

P.G.DEPARTMENT OF CHEMISTRY (SR. COLLEGE)

INDUSTRY ACADEMIA MEET: UTTAM GALVA METALLICS LIMITED, WARDHA

DATE: 25TH JANUARY, 2018

Report

To inculcate Research, idea and to enrich knowledge of students about industrial work for job placement after completion of education, one day educational tour to Uttam Galva Metallics Ltd. Wardha was organized for P.G. students on Wednesday, 25th January, 2018. Thirty five students and four staff members visited to Uttam Galva Metallics Ltd., Wardha.

Uttam Galva Metallics Ltd. Wardha is one of the largest manufactures of cold rolled steel and galvanized steel in India. In this industry, the faculty and student visited to Quality Control (Q.C.) Division of Uttam Value Steels Limited (previously known as Lloyds Steel Industries Limited). Security instructor Mr. Amitendra Dwivedi delivered information regarding rules, regulations and safety aspect to the students and faculty. They provided safety helmet and Leather shoes to students and faculty. In QC division, we visited to following NABL Aggregated Laboratories.

1. Chemical Laboratory
2. Polishing Laboratory
3. Spectral Laboratory
4. Physical Laboratory
5. Q.C. Workshop
6. Environmental Laboratory

In Chemical Lab. Mr. K. Wadkar demonstrated the strohlein apparatus. This apparatus is used to determine carbon and sulphur in metallic alloy. Information about tubular furnace, fume hood and operation procedure of macro weighting balance was also provided.

In Polishing lab, Mr. K. Wadkar gave information about utility of polishing machine. This machine is utilized for the preparation of cube material of metallic alloy, required for the spectral analysis of metal alloy. In spectral laboratory, Mr. Wadkar gave the demonstration and information about working and principle of Spectro Analytical Instrument. This instrument is

utilized for the analysis of various elements such as Sulphur, Nitrogen, Hydrogen, and Oxygen etc. in Metallic alloy.

Mr. Gosh gave information about Physical laboratory regarding different parameters i.e. Tensile strength, Compressive and Bend Properties, Impact test, Bending and Folding, Metal susceptibility in high and low temperature etc. Mr. Gosh demonstrated different types of physical testing Machine such as Rocked Hardness testing, Universal testing machine, Impact testing machine, Bending and folding machine and Erichsen Cupping Machine. He also gave information about handling and utility of liquid nitrogen for determination of strength capability of metal at low temperature. In Q.C. workshop, the instructor gave information of preparation of metal job for physical testing. We have collected information related to air and water pollution in the Environmental Laboratory and related to the test parameters to analyze various types of water and air pollutants released from the industry.

This tour enriched the knowledge of students about Industry and working of various sophisticated Instruments.



Visit to Uttam Galva Metallics Limited, Wardha



Demonstration of Metal Polishing in Polishing Lab.



Demonstration of Physical Lab. Instruments



Demonstration in Chemical Lab. and Spectra Lab.

Atali

H.O.D

Head / Incharge
Department of Chemistry
J. B. College of Science
WARI

Atali

Co-ordinator

P.G. Department of Chemistry
P. G. Department of Chemistry
J. B. College of Science
WARI

Establishment Year 1962

Shiksha Mandal's

Jankidevi Bajaj College of Science, Wardha

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E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jamnalal Bajaj Marg,
Civil Line

Wardha - 442 001 (Maharashtra)

Uni. College No. : 802

Jr. College No. : 07-01-003

Date 21/8/2017

RefNo. J.B.C./1300/2017-2018

To

Dr P B Kale,

Director MGIRI, Wardha

Subject: Request to supervise project work of M. Sc. (Chemistry) students

Dear Sir,

The M.Sc. (Chemistry) students have to carry out the project work in their degree course. He/she may carry the work at any of the national /regional/private research institute/organization. The project can be of following types.

A) Experimental Project Work; OR B) Field Based Project Work; OR C) Review writing based Project Work.

From this year we are in consideration to consign three/four PG students to your reputed institution for their project work under the stewardship of you and supervision/guidance of your colleagues. The fees for carrying work prescribed by University is Rs. 1500/-per student. Students will be free for carrying their work at your institution in the afternoon session after their theory classes in the college. The detail guidelines are attached herewith (Appendix 1).Date of submission of synopsis of proposed work-15th September 2017 and Date of submission of dissertation -15th January 2017.

Kindly see the feasibility and do the needful.

Contact Person: Dr P V Tekade, Co-ordinator, PG (Chem), J B College of Science, Wardha; cell no. 9422556608

Thanking you!

Regards,

(Dr. Om Mahodaya)
Principal

Copy to: Dr Manoranjan Patnaik, Deputy Director, Chemical Based Industries, MGIRI, Wardha

Jankidevi Bajaj College of Science, Wardha

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

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E-mail : jbsciencewardha@yahoo.co.in

website : jbsw.shikshamandal.org



Jankidevi Bajaj Marg,
Civil Line

Wardha - 442 001 (Maharashtra)

Univ. College No. : 802

Is. College No. : 07-03-003

Ref No. J.B.C./ /2015 -2016

Date / / 2016

Certificate

This is to certify that the work presented under Project entitled "Preparation of soy-flour based adhesive and it's characterisation by DSC and TGA" is the own work of **Ku. Shraddha P. Ingale** conducted in the P.G. Department of Chemistry, Jankidevi Bajaj college of Science, Wardha and Chemical Industries Division MGIRI, Wardha

Dr. Pradip V. Tekade

Internal supervisor

Dr. M. Patnaik

External supervisor

Prof. V. B. Patil

Head

Department of chemistry

Dr. Om A. Mahodaya

Principal

Jankidevi Bajaj College of Science,
Wardha

ShikshaMandal's

Jankidevi Bajaj College of Science, Wardha

(A Linguistic Minority College)

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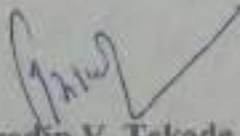
Jankidevi Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 102
Jr. College No. : 07-01-003

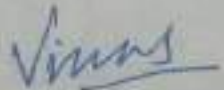
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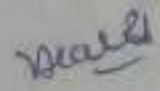
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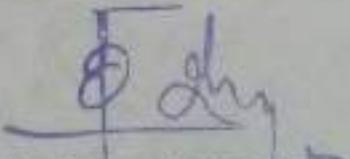
Certificate

This is to certify that the work presented under Project entitled
"Study of nutrient transfer from soil to the plant biomass in different stages of
plant development (Fenugreek)" is the own work of Mr. P. D. Lande conducted in
the P.G. Department of Chemistry, Jankidevi Bajaj college of Science, Wardha and
Chemical Industries Division, MGRI, Wardha


Dr. Pradip V. Tekade
Internal supervisor


Mr. V. C. Chaudhary
External supervisor


Prof. V. B. Patil
Head
Department of chemistry


Dr. G. A. Mahodaya
Principal
Jankidevi Bajaj College of Science,
Wardha

Establishment Year - 1962

Shiksha Mandal's

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Library : (07152) 255070

E-mail : jbc@jankidevi.org

Website : www.shikshamandal.org



Jankidevi Bajaj Marg

Civil Line

Wardha - 442 001 (Maharashtra)

Dist. College No. - 302

J.C. College No. - 07/01/003

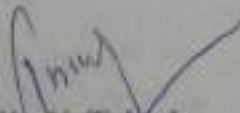
Ref No. J.B.C./

/2017-2018

Date : 13/4/2018

Certificate

This is to certify that the work presented under Project entitled "Screening of nutrient transfer from soil to the plant biomass in different stages of plant development (Spinach)" is the own work of Miss. Shweta M. Dahilkar conducted in the P.G. Department of Chemistry, Jankidevi Bajaj college of Science, Wardha and Chemical Industries Division, MGRI, Wardha


Dr. Pradip V. Tekade

Internal Supervisor

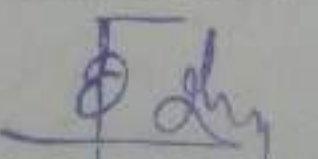

Mr. V.C. Chaudhary

External Supervisor


Prof. V. B. Patil

Head

Department of chemistry


Dr. O. A. Mahodays

Principal

Jankidevi Bajaj College of Science,

Wardha

**Orientation programme on
quality issues for
teachers and students**



Shiksha Mandal, Wardha's
Bajaj College of Science, Wardha
(Formerly known as Jankidevi Bajaj College of Science)
NAAC Reaccredited 'A'-Grade Institution
AN AUTONOMOUS INSTITUTION

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur



Department of Chemistry

Online Faculty Development Program (FDP) on "Jmol Application"

(In association with Spoken Tutorial, IIT Bombay)

A Report

Department of Chemistry organized Online Faculty Development Program (FDP) in association with Spoken Tutorial of IIT Bombay during the Pandemic situation of Covid-19 on 'Jmol Application' from 8th to 14th May 2020. Total 490 participants from different universities of India participated in this program. 255 participants from 147 colleges spanning over 18 Universities of India including one participant from Mauritius appeared for the examination. On the successful completion of the quiz, the participants were provided with an e-certificate. The Principal of the college, Dr. Om Mahodaya motivated and guided the faculty for smooth conduction of this FDP. Asstt. Prof. Mr. M. D. Bansinge, Mr. N. A. Barwatand Dr. P. A. Saudagar were co-ordinators of the program.



(Dr P V Tekade)

Convener, FDP, 'Jmol Application'
Offl. Principal
Bajaj College of Science
WARDHA

Online Faculty Development Program on Arduino
In association with Spoken Tutorial, IIT Mumbai

REPORT

Department of Electronics of Shiksha Mandal's Bajaj College of Science, Wardha organized one week Online Faculty Development Program on Arduino in association with Spoken Tutorial Project of IIT, Mumbai from 28th April 2020- 4th May 2020 to facilitate faculty, researchers and students to learn new technology during the lockdown due to COVID-19 pandemic. As our college is registered with IIT Mumbai, under Spoken Tutorial Program, we were eligible to organize faculty development program.

We have received huge response from the teachers, researchers and students across our state. Total 459 participants have registered online to this course. The participants would be given certification of participation by our college and they will receive certificate from IIT Mumbai after qualifying the test conducted by IIT Mumbai online.

This activity would definitely be useful for the teachers for their academic development and skills enhancement and their students may be benefited with this achievement.



Dr. V. V. Shinde

Convener and Head
Head / Incharge
Department Of Electronics
Bajaj College Of Science, Wardha

Statistics:

Participants	Total: 459 Male: 281 Female: 178
Professor	16
Associate Professor	41
Assistant Professor	264
Research Fellow	16
Students	92
Others	30
Participants with Ph.D.	136
Participants' University	RTM Nagpur University
	SP Pune University
	Mumbai University
	SRTM University Nanded
	Shivaji University Kolhapur
	SGB Amravati University
	PAH Solapur University
	KBC North Maharashtra University
	Symbiosis International University (Deemed)

**Internal Quality Assurance Cell (IQAC)
&
Department of Computer Science**

Jointly Organizes

A One Day Workshop on MOOCs and Moodle

Date: Friday, October 12, 2018

Venue: ICT Centre

:: Program Schedule ::

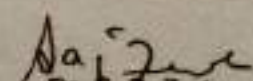
Day	Session	Time	Activity and Hands-on	Resource Person
Friday, October 12, 2018	I	12:30pm to 2:00pm	<ul style="list-style-type: none">▪ Creating Moodle Account▪ Adding Course Creator/Teacher▪ Creating Course▪ Adding Content to course▪ Adding Participants	Prof. M. D. Bansinge
	II	2:30pm to 3:30pm	<ul style="list-style-type: none">▪ Adding Resources▪ Adding Assignment▪ Adding Quiz	Dr. P. A. Saudagar
	III	3:30 pm to 4:30pm	<ul style="list-style-type: none">▪ Student Login▪ Submitting Assignment▪ Attempting Quiz by student▪ Grading Assignment▪ Exporting Assessment Sheet	Prof. M. D. Bansinge
	IV	4:30pm to 5:00pm	<ul style="list-style-type: none">▪ Q&A	Prof. M. D. Bansinge Dr. P. A. Saudagar

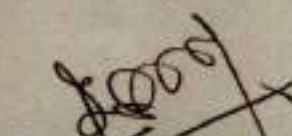
Resource Persons for the workshop:

Prof. M. D. Bansinge, Department of Chemistry

Dr. P. A. Saudagar, Department of Electronics

All faculty Members (including contractual staff members) are supposed to take benefit of this workshop.


Dr. S. S. Zade
Co-ordinator, IQAC


Dr. Qm Mahodaya
Principal

REPORT

ONE DAY WORKSHOP ON MOOCs & MOODLE

October 12, 2018

A one-day workshop on MOOCs & Moodle has been organized by the Department of Computer Science, the Department of Chemistry, and IQAC on Friday, October 12, 2018, at the ICT Centre of Jankidevi Bajaj College of Science, Wardha.

Shri. M.D. Bansinge, Assistant Professor, Department of Chemistry, and Dr. P.A. Saudagar, Dept of Electronics were the resource persons.

The workshop was conducted in four sessions. Session I was addressed by Shri. M.D. Bansinge. In this session, creating moodle account, adding a course creator/teacher, creating a course, adding content to the course, and adding participants have been discussed.

In the 2nd session, Dr. P.A. Saudagar discussed adding resources, adding assignments, and quizzes.

In the 3rd session, Shri. M.D. Bansinge discussed student login, submitting assignments, attempting quizzes by students, grading assignments, and exporting assignment sheets.

The 4th session was a question and answer session which was addressed by Dr. P.A. Saudagar and Shri. M.D. Bansinge.

All the faculty members attended the workshop.









IQAC Coordinator


Incharge
Department of Chemistry







Coordinator
Department of Comp. Science

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IQAC Meetings Minutes





Session	IQAC Meetings Minutes
2021-22	 PDF
2020-21	 PDF
2019-20	 PDF
2018-19	 PDF
2017-18	 PDF

IQAC Reports

Session	IQAC Reports
2021-22	 PDF
2020-21	 PDF
2019-20	 PDF
2018-19	 PDF
2017-18	 PDF

Shiksha Mandal's
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Quality Assurance Initiatives of the Institution

Session	Initiatives of the Institution
2021-22	
2020-21	
2019-20	
2018-19	
2017-18	