

ATTAINMENT OF PROGRAMME OUTCOMR AND COURSE OUTCOMES

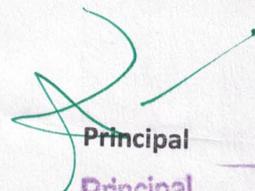


Department of Mathematics

To find out attainment of programme outcomes (POs), Programme specific outcomes (PSOs), and course outcomes (COs), following measurable factors have been taken into consideration during the sessions.

S.no	measurable factors	2020-21	2019-20	2018-19	2017-18	2016-17
1	UG final University Merit Achiever	NIL	NIL	NIL	NIL	NIL
2	UG final Year Pass Percentage	100%	100%	85%	88%	95%
3	Project by students	yes	yes	yes	yes	yes
4	Quiz	—	yes	yes	yes	yes
5	Models Constructions	No	No	No	NIL	NIL
6	Entrepreneurial / Skill Trainings	NIL	NIL	NIL	NIL	NIL
7	Students Presentation / Seminar	NIL	NIL	NIL	NIL	NIL
8	Experimental Learning in UG Programme	NIL	NIL	NIL	NIL	NIL
9	Value Aided Course	NIL	NIL	NIL	NIL	NIL
10	Webinar	NIL	NIL	NIL	NIL	NIL
11	Certificate Course					
12	Guest Lectures / Expert Lectures	NIL	NIL	NIL	NIL	NIL
		NIL	yes	yes	yes	yes


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MATHEMATICS DEPARTMENT

Quiz Report 2019-20

No of Students – 36	(Bsc Part – 1)
No of Students – 29	(Bsc Part – 2)
No of Students – 33	(Bsc Part – 3)

Quiz was conducted in Mathematics Department on 6-08-19, 4-09-19 and 8-09-19 .On 6-08-19 Bsc Part 1 students participated in quiz. The topic of quiz was “DIFFERENTIAL CALCULUS”, on 4-09-19 the quiz was conducted for Bsc Part 2 students on topic “ADVANCE CALCULUS” .8-09-19 Bsc Part 3 students was participated in the quiz, topic was “LATTICES”.

This type of competition encourage the students to go deep in the subject.


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MATHEMATICS DEPARTMENT

Quiz Report 2018-19

No of Students – 37 (Bsc Part – 1)

No of Students – 30 (Bsc Part – 2)

No of Students – 32 (Bsc Part – 3)

Quiz was conducted in Mathematics Department on 23-08-18, 20-09-18 and 13-09-18 .On 20-09-18 Bsc Part 1 students participated in quiz. The topic of quiz was "CALCULUS", on 23-08-18 the quiz was conducted for Bsc Part 2 students on topic "PARTIAL DIFFERENTIATION" .13-09-18 Bsc Part 3 students was participated in the quiz, topic was "SWITCHING CIRCUITS".

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MATHEMATICS DEPARTMENT

Quiz Report 2017-18

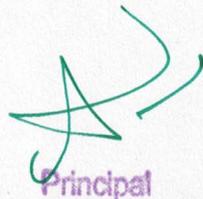
No of Students – 35 (Bsc Part – 1)

No of Students – 32 (Bsc Part – 2)

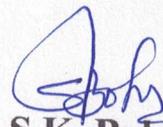
No of Students – 31 (Bsc Part – 3)

Quiz was conducted in Mathematics Department on 30-08-17, 4-09-17 and 11-09-17 .On 4-09-17 Bsc Part 1 students participated in quiz. The topic of quiz was "LIMIT CONTINUITY", on 11-09-17 the quiz was conducted for Bsc Part 2 students on topic "JACOBIANS" .30-08-17 Bsc Part 3 students was participated in the quiz, topic was "BOOLEAN ALGEBRA".

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MATHEMATICS DEPARTMENT

Quiz Report 2016-17

No of Students – 32 (Bsc Part – 1)

No of Students – 35 (Bsc Part – 2)

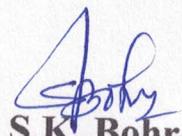
No of Students – 34 (Bsc Part – 3)

Quiz was conducted in Mathematics Department on 6-08-16, 13-08-16 and 24-08-16 .On 24-08-16 Bsc Part 1 students participated in quiz. The topic of quiz was “TRIGNOMETRY”, on 13-08-16 the quiz was conducted for Bsc Part 2 students on topic “ADVANCE CALCULUS” .31-08-16 Bsc Part 3 students was participated in the quiz, topic was “ABSTRACT ALGEBRA”.

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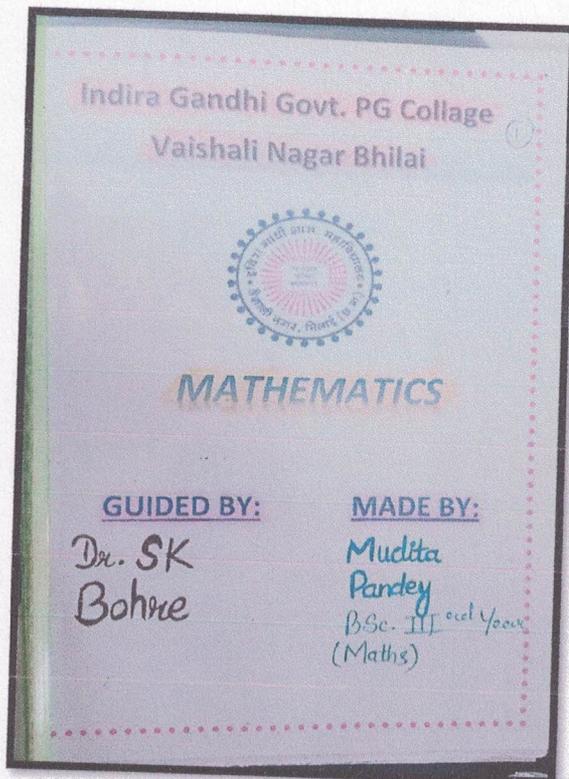
Report on PROJECT

YEAR 2021-2022

Undergraduate students of Mathematics Department of Indira Gandhi Govt. College Vaishali Nagar Bhilai have made the wonderful projects on different topics under the guidance of HOD Mathematics.

No. of Students = 5

Name of Students	Topics	Class
1. Mudita Pandey	Women Mathematician	Bsc III (Maths)
2. Khushi Pandey	Mathematics Day	Bsc III (Maths)
3. Prachi Sharma	Women Mathematician	Bsc III (C.S)
4. Neha	Calculus	Bsc III
5. Shilpee Yadav	Computability & Formal Languages	Bsc III




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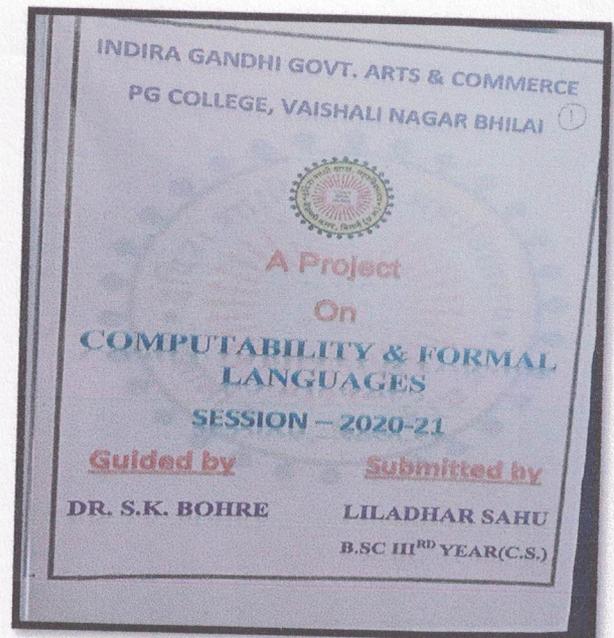
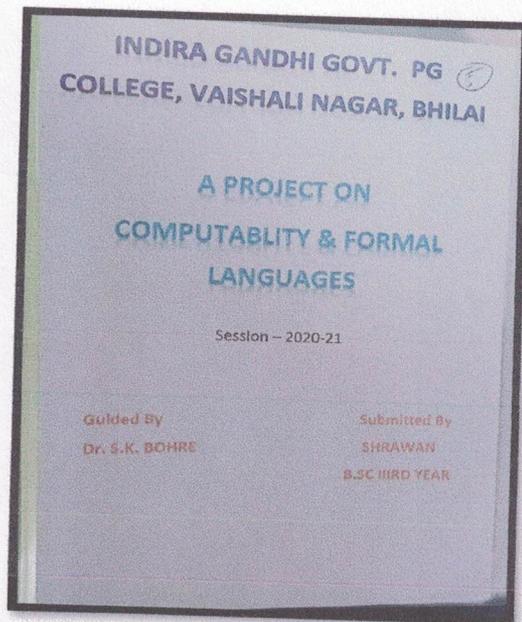
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YEAR 2020-2021

Undergraduate students of Mathematics Department of Indira Gandhi Govt. College Vaishali Nagar Bhilai have made the wonderful projects on different topics under the guidance of HOD Mathematics.

No. of Students = 6

Name of Students	Topics	Class
1. Liladhar Sahu	Computability & Formal Language	Bsc III (C.S)
2. Varshsha Deshmukh	Combination	Bsc III
3. Renu Janghel	Computability & Formal Language	Bsc III
4. Priya Kumari	Computability & Formal Language	Bsc III
5. Shrawan	Computability & Formula Language	Bsc III
6. Payal Sahu	Computability & Formula Language	Bsc III




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Report on Guest Lecture 2019-20

Date :6-01-2020

No of Students : 32

Topic: ABSTRACT ALGEBRA

A guest lecture on topic "**ABSTRACT ALGEBRA**" was organized by Mathematics Department for undergraduate students of B.Sc.3 . Resource person was Dr. Vinod Sahu from Vishwanath Yadav Tamaskar PG Autonomous Collage Durg.



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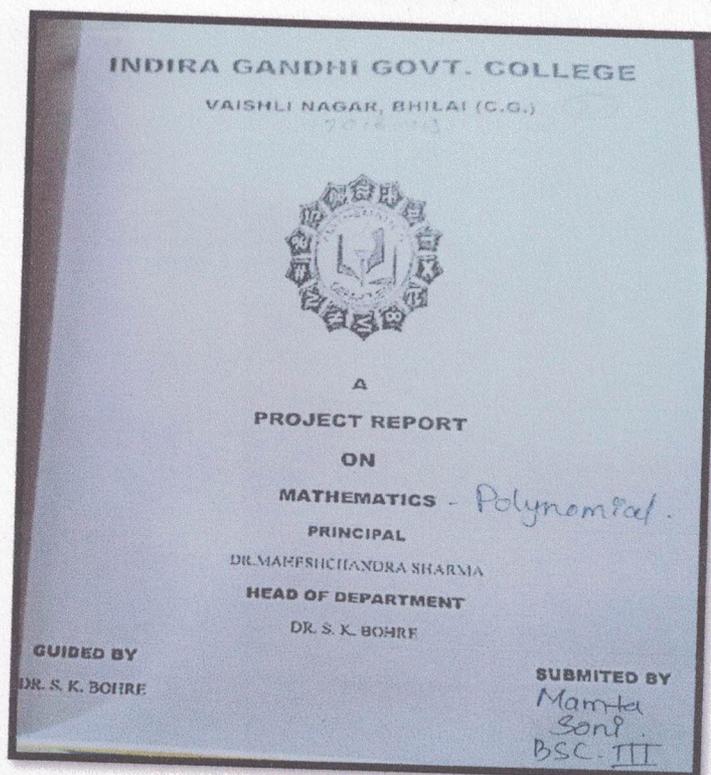
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Report on PROJECT

YEAR 2018-19

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No. of Students = 3

Name of Students	Topics	Class
1. Himanshree Banchhoi	Mathematics Principal	Bsc III
2. Mamta Soni	Polynomial	Bsc III
3. Divya Reddy	Vector Space	Bsc III (C.S)




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Report on PROJECT

YEAR 2019-2020

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No. of Students = 3

Name of Students	Topics	Class
1. Amaresh Kumar	Discrete Mathematics	Bsc III(C.S)
2. Thaleshwari Sahu	Sylow's Theorem	Bsc III
3. Harsha Sahu	Discrete Sahu	Bsc III(Maths)



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Report on Guest Lecture 2018-19

Date :9-01-2019

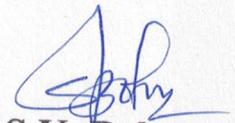
No of Students : 32

Topic: CALCULUS

A guest lecture on topic "**CALCULUS**" was organized by Mathematics Department for undergraduate students of B.Sc.1 . Resource person was Dr. Vinod Sahu from Vishwanath Yadav Tamaskar PG Autonomous Collage Durg.



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Report on Guest Lecture 2017-18

Date :6-10-2017

No of Students : 36

Topic: DIFFERENTIAL CALCULUS

A guest lecture on topic “DIFFERENTIAL CALCULUS” was organized by Mathematics Department for undergraduate students of B.Sc.2 . Resource person was Dr. Vinod Sahu from Vishwanath Yadav Tamaskar PG Autonomous Collage Durg.



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Report on PROJECT**

YEAR 2017-2018

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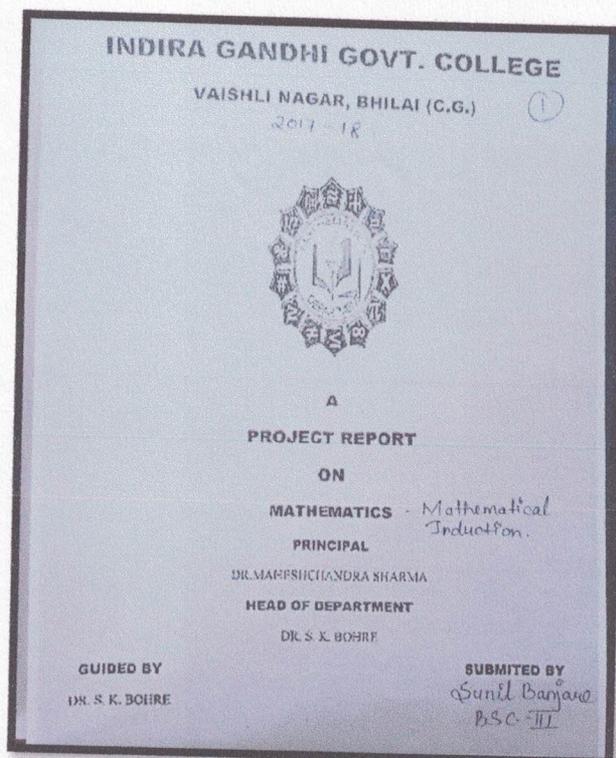
No. of Students = 4

Name of Students

Topics

Class

1. Sunil Banjare	Mathematical Induction	Bsc III
2. K. Mansa	Fourier Series	Bsc III (C.S)
3. L. Vanita	Mathematics Principal	Bsc III
4. Ritu Yadav	Mathematical Principal	Bsc III




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Report on Guest Lecture 2016-17

Date :14-11-2016

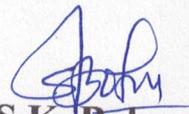
No of Students : 37

Topic: ABSTRACT ALGEBRA

A guest lecture on topic “**ABSTRACT ALGEBRA**” was organized by Mathematics Department for undergraduate students of B.Sc.3 . Resource person was Dr. Vinod Sahu from Vishwanath Yadav Tamaskar PG Autonomous Collage Durg.



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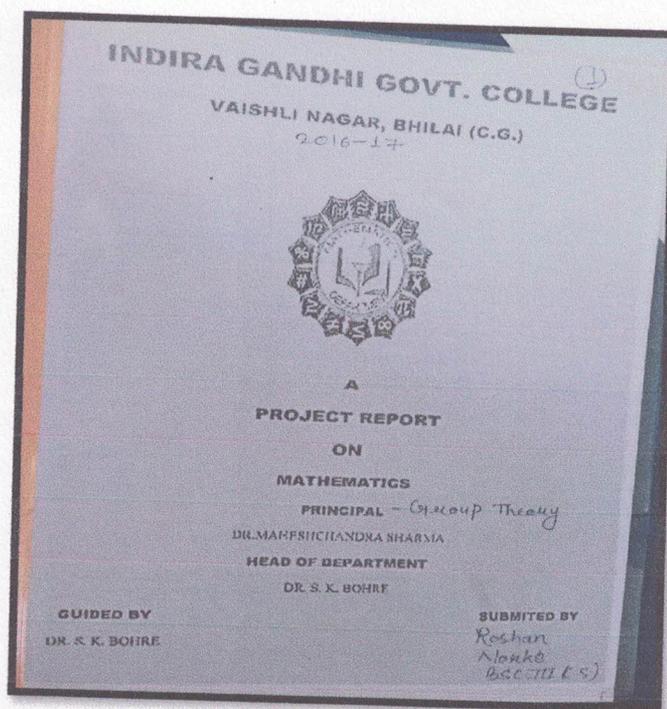
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Report on PROJECT

YEAR 2016-2017

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No. of Students = 4

Name of Students	Topics	Class
1. Roshan Norke	Group Theory	Bsc III(C.S)
2. Khushboo Sahu	Mathematics Principal	Bsc III
3. Pooja Mishra	Mathematics Principal	Bsc III
4. Garima Singh	Integration	Bsc III(C.S)



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