

Program Outcome and Course Outcome for the session 2019-20

The students should gain the knowledge in their subjects of Physics, Chemistry, Botany, Zoology, Mathematics, Electronics, Computer Science, Statistics, Microbiology, Biotechnology and Geology. Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their references in the day-to-day life.

a. Meritorious Achievement

• Under Graduation (BCA)

Sr. No.	Name of Students	Merit Position
1.	HARSHITA NIRAJKUMAR AGRAWAL,	01
2.	NEHA PRASHANT GHUMRE,	03

• Post-Graduation (PG) (M.Sc. Computer Science)

Sr. No.	Name of Students	Merit Position
1	JUHI VIJAYANAND GHATE	03
2	ASHISH LAXMAN AGASHE,	04
3	MUKUL SUSHILKUMAR DIXIT,	05

• Post-Graduation (PG) (M.Sc. Physics)

Sr. No.	Name of Students	Merit Position
1.	NEELAM SURENDRA SINGH,	06

• Post-Graduation (PG) (M.Sc. Microbiology)

Sr. No.	Name of Students	Merit Position
1	NIKITA NARENDRA BHURE	01
2	AISHWARYA NARENDRA KAPSE	02
3	SHRUTI ANIL BHAKARE	03
4	ANAM SAMI KHAN,	04

Medals/Awards/Prizes

1. The R.B. Jatashankar P. Trivedi memorial gold medal Sanskriti Ramesh Warghar, for obtaining the highest number of marks in Geology.
2. G.H. Raisonni gold medal Harshita Nirajkumar for securing the highest number of marks amongst the successful students in B.C.A. Examination.

b. INSPIRE Scholarships

Following students have been awarded the INSPIRE-SHE scholarship from DST New Delhi.

1. Manisha Sharma
2. Labhesh Gupta
3. Aditi Mohitkar

c. Placements Record:

Forty two students are placed in various companies/organizations.

Sr. No.	Company	Place	Date	Name of Students	Subject	Salary
1	Wipro	G. H. Raisoni Nagpur	20/01/2020	Siddhi Awale Simranjeet Matharu Krutika Raut Saroj Jangid Pratiksha Pimpalkar Pritam Das Gaurav Tiwari Sandhya Krishna Dwivedi Liladhar Banothe	BCA	180000
2	Cap Gemini	G. H. Raisoni	28/11/2019	Utkarsh Pathak Gaurav Tiwari Mrinal Kamble Anjana Ghanshyam Singh Bikash Ramakant Panda Payal Jaisingh Bahoriya	BCA B.Sc.	282000
3	Infosys	G. H. Raisoni	12/11/2013	Utkarsh Pathak Mrunali Bokde Muskan Kamwani Shishir Rajendra Upadhye Anjana Ghanshyam Singh Rani Shailendra Rangari Harshita Suresh Kapse Yogesh Harichandra Bhatt Kaumudi Wadsamudrakar Bhagyashree Anil Borkar	BCA B.Sc.	220000
4	Delloitte	G. H. Raisoni	31/11/2019	Utkarsh Pravin Pathak Sandhya Krishna Dwivedi Payal Jaisingh Bahoriya Sayali Jayant Tamane Rutika Suresh Dumane Bhagyashree Anil Borkar Anurag K Rao Tanuja Lilhare Yukta Dhruwakumar Hazare	BCA B.Sc.	382000

5	L&T	G. H. Raisoni	31/11/2019	Mrinal Kamble	BCA	260000
6	HCL	Shivaji Science College, Nagpur.	7/02/2020	Suchit Mukherjee	BCA	260000

d. Achievement in sports

Twelve students of the college are selected by RTM Nagpur University, Nagpur for various interuniversity tournaments (University Color Holders).

Sr. No.	Name of the Player/Student	Class	Game	Venue	Dates
1	Akshay N. Sakore	B.Sc. II (CBG)	Water polo	Jalandhar	6-8 Nov 19
2	Premchand D. Rakhade	B.Sc. II (SCSM)	Kho-kho	Nanded	2-5 Dec 19
3	Shoib Akhtar Sheikh	B.Sc. II (SCSM)	Archery	Bhubneshwar	26-30 Dec 19
4	Dhanashree Raghatate	B.Sc. II (CBZ)	Fencing	Bhopal	28-07Jan 20
5	Samidha P Deshmukh	B.Sc. II (PEM)	Karate	Jammu	28-07 Jan 20
6	Manu Sanodiya	M.Sc. II (MATH)	Basket Ball	Chennai	8-13 Jan 20
7	Shantanu Bankar	M.Sc. II (MATH)	Soft ball	Nanded	14-18 Jan 20
8	Zishan M. Kazi	B.Sc. II (PCSM)	Soft ball	Cuddapa	17-19 Feb 20
9	Nikita S. Shende	B.Sc. II (PEM)	Sepak-Takraw	Cuddapa	17-19 Feb 20
10	Jaya S. Verma	B.Sc. II (CBG)	Sepak-Takraw	Bareilly	17-19 Feb 20
11	Ankita Sawarkar	B.Sc. II (CBG)	GYM	Bareilly	17-19 Feb 20
12	Vedant B. Patwa	B.Sc. II (CBG)	GYM	Amritsar	17-19 Feb 20

Course outcomes

1. Department of Microbiology and Biotechnology

A. Results of University examination;

B.Sc (Final)=92.68% (Microbiology)

B.Sc (Final)=92.68 % (Biotechnology)

M.Sc (Final)=100%

B. At the completion of Physics as a one of the subject students are able to work:

- as a Laboratory Technician
- In Quality Control analyst of Pharmaceutical Industries, Food Industries.
- Clinical Research Analyst
- In Biomedical Engineering.
- As a Research Scientist
- In Vaccine Institutes
- As a Project Assistant
- Research sector in Forensic Sciences and Genetic Engineering.
- Lectureship in Life Sciences and Agricultural Sciences.
- Research Analyst in Scientific Journals (Springer, Nature, Science Direct Based Journals)
- Pollution Control Department
- In Biofertilizers and Biopesticides Preparation Industries
- In Environment Based Industries
- Intellectual Property Rights
- Computational Biology (Bioinformatics)

2. Department of Computer Science

A. Results of University examination;

B.Sc (Final)=88.23%

B.CA (Final)=85.56%

M.Sc (Final)=97.29%

MCA =100%

B. At the completion of Computer Science one of the subject students are able to work:

- As Software developer.
- As a System Administrators.
- As IT Sales and Marketing person.
- As the IT Officers in Banks and cooperative societies.
- As DTP Operator in small-scale industries.
- As the Web Designers with latest web development technologies.
- Developing the various IT skills to the electronic databases.
- Solve the problems in the Information Technology environment
- Develop IT-oriented security issues and protocols
- Design and implement a web page
- Programmer
- Web Designer

- System Administration
- Logic Designer

3. Department of Botany

A. Results of University examination;

B.Sc (Final)=88.23%

B. At the completion of Botany one of the subject students are able to{

- Understand the morphological and structural organization of lower and higher Cryptogams and its ethno botanical importance in concern with human life.
- Develop an awareness about eco-friendly activities.
- Self-employment in the fields of mushroom Cultivation, organic farming (Roof top farming) , plant tissue culture etc.

4. Department of Chemistry

A. Results of University examination;

B.Sc (Final)=83.75%

M.Sc (Final)=97.29%

B. At the completion of Chemistry of the subject students are able to:

- Aware about minimum utilization of chemicals for maintaining the environment eco-friendly.
- Use of modern instrumentation such as HPLC, Spectrophotometer acquaint the student about qualitative and quantitative analysis
- Employed in chemical/pharmacy companies.
- pursue research in the basic sciences in the college.
- Understand the interdisciplinary approach of chemistry
- Learn the laboratory skills needed to design, safely and interpret chemical research.
- Acquired a foundation of chemistry

5. Department of Mathematics

A. Results of University examination;

B.Sc (Final)=82.14%

M.Sc (Final)=52.17%

B. At the completion of Mathematics as a one of the subject students are able to:

- Learn to solve problems of integrals and differential calculus
- Make use of linear equations for solving any differential equations
- Understand various problems related with planar graphs.
- Understand the Concepts of Matrices and linear equations.

- Learn properties and applications of Laplace transformation

6. Department of Physics

A. Results of University examination

B.Sc-77.93

M.Sc- 70

B. At the completion of Mathematics as a one of the subject students are able to:

- Understand the theories & principles of physics, which includes mechanics, electromagnetism, thermodynamics, & quantum mechanics.
- Learn the Concepts as Quantum Mechanics, Relativity etc.
- Provide knowledge about material properties and its application for developing technology to ease the problems related to the society.
- Understand the physical laws, describing the motion of bodies, under the influence of system of forces.
- Understand the relationship between particles & atom,
- Relate the structure of atoms & subatomic particles
- Understand physical properties of molecule the chemical bonds
- Analyze the applications of mathematics to the problems in physics & develop suitable
- Learn the structure of solid materials & their different physical properties along with metallurgy, cryogenics, electronics, & material science.
- Understand the fundamental theory of nature at small scale & levels of atom & sub-atomic particles.

7. Department of Zoology

A. Results of University examination

B.Sc-77.93

B. At the completion of Mathematics as a one of the subject students are able to:

- Knows about identification of wild animals and its classification
- Acquire knowledge about wild life and its conservation.
- Gain basic knowledge about human pathology and physiology.
- Gain knowledge about biomedical instrumentation and its working.
- Basic concept of genetics, and biotechnology.
- Know about fish culture, prawn culture and pearl culture.
- Acquire knowledge about mineral and water cycling in nature and water conservation.

8. Department of Statistics

A. Results of University examination

B.Sc-89.66%

B. At the completion of Statistics as a one of the subject students are able to:

- Appear for Indian Statistical Services (UPSC)
- Work as a Statistical quality control officer
- Work as a Statistical officer in various industries
- Work as a statistical consultant, Data analyst etc
- Gain knowledge about Operational Research

9. Department of Electronics

Results of University examination

B.Sc-97.5% %

B. At the completion of Electronics one of the subject students are able to:

- Realize their goals and aspirations
- Possess essential attitudes, knowledge and skills
- Contribute positively to and compete in society
- Exercise citizenship rights and responsibilities
- Master subjects without need for remediation further their education and pursue careers around the world.

10. Department of Geology

A. Results of University examination

B.Sc-88.89%

B. At the completion of Electronics one of the subject students are able to:

- Pursue the following courses to make career as a Geologist

M.Sc in Applied Geology

M.Sc (Tech) in Geology

ISM Dhabad

In Land Pollution