

**NAME OF THE DEPARTMENT – BOTANY AND BIOTECHNOOLOGY**

NUMBER OF LABS AND HIGHLIGHTS	2 UG labs 1 PG lab 1 Research lab State of the art labs
HIGH LIGHT OF CURRICULUM	As per UGC guidelines Helps students in preparing for competitive exams Updated annually during BOS as per current guidelines and new findings
PG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE NET)	CSIR NET, UGC NET, SLET, GATE
UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)	IIT JAM; IISc, JNU, BHU, Jamia and other prestigious college entrance examinations, IAS , RAS
SUCCESSFUL AUMINI	As given in Annexure 1
EXTENSION LECTURES BY	As given in Annexure 2
RARE INSTRUMENT	PCR Phase contrast microscope Gel documentation Rotary Evaporator
BEST PRACTICES	STUDENT SEMINAR, MAGAZINE, EDUCATIONAL TOUR, DISSERTATION, INTERNSHIP, MICROBIAL ART COMPETITION, MODEL COMPETITION, QUIZ COMPETITION, MAINTENANCE OF HERBARIUM
ANY STUDENT SELECTION IN NET/ JRF, PREMIER LAB	As given in Annexure 3
ANY OTHER INFORMATION	<p><b>Conferences And Workshops Organized</b></p> <ol style="list-style-type: none"> <li>1. Conference on EMERGENCE OF INTER-DISCIPLINARY SCIENCES August 24-25, 2012, SPONSORED BY UGC</li> <li>2. WORKSHOP ON BIOINFORMATICS March 7-8, 2014, Funded by Department of Biotechnology, Govt. of India Key Speakers: Dr. Dhvani Raghav, Dr. Saurabh</li> <li>3. Workshop on APTITUDE DEVELOPMENT AND CONCEPTUALIZATION OF RESEARCH IN CHEMICAL, Biological and Interdisciplinary Sciences February, 26, 2018 Mentors: Prof. S. D. Purohit Prof. A. K. Goswami Prof. Gotam Jarori</li> </ol> <p><b>Interaction of Alumni with Students</b></p> <ol style="list-style-type: none"> <li>1. Dr. Aditi Bhandari CIRAD (France), IRRI (Philippines) and</li> </ol>

	<p>Banasthali University, Rajasthan</p> <p>2. Ms. Hemandri Vyas Cultivator Natural Products Private Limited</p> <p>3. Ms. Shradha Kapoor Atul Date Palm Ltd., Jodhpur</p> <p>4. Dr. Rajesh Rathore</p> <p>5. Dr. Amit Kumar Dwivedi IISER, Pune</p> <p><b>Undergraduate Students attended VII National Science Congress, MLSU, Udaipur</b> Kush, Nitesh, Siddhant, Nikhil, Kavinsu, Chitranshi, Himanshi, Shivani, Riya <b>Himanshi Soni presented poster</b> on "Radiation induced transgenerational cytogenetic damage in C57BL/6 mice".</p> <p><b>Undergraduate Students went for summer training project under Summer Research Fellowship Programme 2019</b></p> <p>1. <b>Himanshi Sharma, B. Sc. V Semester, CZBT:</b> The title of the project was "Radiation induced transgenerational cytogenetic damage in C57BL/6 mice" under guidance of Dr. Paban K. Agrawala (Scientist 'F') at Institute of Nuclear Medicine and Allied Sciences, DRDO, New Delhi.</p> <p>2. Genome editing by delivering CRISPRMAX/CAS9 gRNA complex into T98 glioma cells of ATCC source human and checking mutation for MGMT gene. - <b>Yashasvi Sharma, B. Sc. V Semester, CZBt</b> Name of institution: Amrita Centre for Nanosciences and Molecular Medicine, Cochin Kerala Guide name: Dr. Manzoor Koyakutty Duration: 8 weeks; 3rd June '19 to 27th July 19</p>
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### Annexure 1

S. No.	Name	Placements/ Achievements
1	Dr. Aparna Raturi	Assistant Professor, Biotechnology, HNB Garhwal University, Srinagar , Earlier worked as Dr. D. S. Kothari PDF at JNVU, Jodhpur
2	Dr. Monisha Goplani	M. Sc. (Gold medalist) and Ph. D. from School of Biotech, JNU

3	Dr. Tapan Sharma	Post Doctoral Research Associate at University of Massachusetts Medical School Worcester, Massachusetts, Ph. D. Life Sciences at JNU, M. Sc. Lucknow University
4	Ms. Heena Goyal	Scientific Assistant at State Forensic Science Laboratory, Jaipur
5	Ms. Pratibha Soni	Assistant Professor at Government College, Jodhpur Selected through RPSC
6	Ms. Pooja Soni	Research Scholar (JRF) at ICRISAT, Hyderabad
7	Ms. Kanchan Sambhwani	Research Scholar (JRF) at CSMCRI, Bhavnagar, Gujarat
8	Ms. Alfaateh Ali	Technical Assistant at Food Corporation of India, Jodhpur
9	Ms. Bhakti Yadav	Technical Assistant at Food Corporation of India, Vadodara
10	Ms. Ranu Inkiya	2016 – Selected as RAS
11	Ms. Stuti Charan	Working as IAS 2012-13 – Stood at 3 <sup>rd</sup> position in IAS
12	Dr. Desha Meena	Scientist in AFRI, Jodhpur Scientific officer, FRI, Dehradun
13	Ms. Aarti Gaur	Former SRF, AFRI, Jodhpur
14	Dr. Rahul Kumar Sen	Senior Embryologist at Vasundhara Hospital & Research Centre, Jodhpur
15	Mr. Ravindra Chaudhary	Post Doctoral Researcher at La Jolla Institute for Allergy & Immunology, California
16	Ms. Yashika Govil	Senior Executive at Life Cell, Chennai Worked at Biotech Centre, Shasun Pharmaceuticals Ltd
17	Mr. Amit Maloo	Senior Executive, Aditya Birla Group, Dubai, UAE
18	Dr. Dipesh Trivedi	Application Specialist at QIAGEN, Post Doctoral research at University of Georgia; Ph. D. ICGEB, New Delhi, M. Sc. BHU
19	Ms. Kanika Bhargava	HOD, Vartak College, Vasai
20	Dr. Priyadarshini Parakh	Lecturer at Lachoo Memorial College of Science and Technology, Jodhpur CSIR – JRF, SRF, Ph. D. – Birla Institute of Technology and Science, Pilani
21	Dr. Richa Jangid Sharma	Ph. D. from University of Pretoria, 2010 to 2013 -Pretoria, Eastern Cape, South Africa
22	Dr. Dinesh Chhatwani	Assistant Professor at Sir Padampat Singhania University, Udaipur Ph. D. from Sir Padampat Singhania University, Udaipur
23	Dr. Amar Garveer	Vice Principal and Botany Lecturer at Mahesh Institute of Professional Studies, Barmer. Ph. D. from JNVU, Jodhpur
24	Ms Shradha Kapoor	Executive Trainee at Atul Date Palm Ltd., Jodhpur
25	Dr. Nitika Singh Rathore	Assistant Professor, Botany, Government College, Bundi Ph. D. from JNVU, Jodhpur
26	Dr. Pooja Verma	Ph. D. from JNVU, Jodhpur

27	Dr. Nisha Tak	Assistant Professor, Department of Botany, JNVU, Jodhpur
28	Dr. Ashok Patel	Assistant Professor, Department of Botany, JNVU, Jodhpur
29	Ms. Anjali Chauhan	Scientist 'C', BARC, Mumbai
30	Ms. Sanjana Heda	Ph. D Scholar, Department of Zoology, JNVU, Jodhpur, Field Assistant at AFRI, Jodhpur
31	Ms. Debopriya Roy	Research Scholar, NCL, Pune
32	Ms. Kusum Patel	Lecturer at Adarsh College, Jodhpur Lecturer at Lachoo Memorial College of Science and Technology, Jodhpur
33	Ms. Sunita Thakur	Lecturer at Lachoo Memorial College of Science and Technology, Jodhpur
34	Ms. Parikshana Mathur	Inspire Fellow and pursuing Ph. D. at ICG, Jaipur M. Sc. Biotechnology (Gold medalist), ICG, Jaipur
35	Mr. Kuldeep Minda	Project Assistant, ED Iusstf, Indo-US Advance Bioenergy Consortium, New Delhi Phil., Centre for Studies in Science Policy, School of Social Sciences, JNU, New Delhi
36	Mr. Amit Dwivedi	Research Fellow, IISER, Pune
37	Ms. Ankita Dave	Research Scholar, CSMCRI, Bhavnagar, Gujarat
38	Dr. Aditi Bhandari	Ph. D. Research Scholar, CIRAD (France), IRRI (Philippines) and Banasthali University (Rajasthan)
39	Ms. Anjali Maurya	Ph. D. Research Scholar, Jacob Institute of Biotechnology and Bioengineering, SHUATS, Allahabad
40	Ms. Komal Makhijani	Ph. D. Research Scholar, JECRC, Rajasthan
41	Ms. Farah Naz Faridi	Former SRF, Rajasthan University of Veterinary and Animal Sciences, Bikaner Ph. D., Rajasthan University of Veterinary and Animal Sciences, Bikaner
42	Ms. Rashi Chadha	Ph. D. Research Scholar, Department of Zoology, JNVU, Jodhpur
43	Ms. Liyanka Singhvi	Executive Trainee at Vasundhara Hospital & Research Centre, Jodhpur
44	Ms. Neha Singh	Chief Counsellor, Medipulse-A tertiary care Hospital, Jodhpur
45	Ms. Kusum Khatri	Newton Bhabha PhD Placement fellowship, Institute of Biological, Environmental & Rural Sciences, Aberystwyth University, UK
46	Ms. Hemandri Vyas	Executive Officer, Quality Control Lab, Cultivator Natural Products Private Limited
47	Mr. Teerath Raj	Executive Officer, Quality Control Lab, Cultivator Natural Products Private Limited
48	Dr. Vijay Kumar	DST-Young Scientist, Prof. N. R. Moudgal Young Scientist Award 2018, Department of Biotechnology, Central University of Rajasthan

49	Ms. Juhi Bhattacharya	CSIR-SRF , NIPGER, New Delhi
50	Ms. Heena Panwar	Scientific Assistant, Forensic Science Laboratory
51	Ms. Nisha Kanwar	JRF, AFRI, Jodhpur
52	Ms. Shobha Mehra	JRF, AFRI, Jodhpur
53	Ms. Rinkal Vyas	H. O. D., Biology Department, Birla International Sr. Sec School
54	Ms. Archana Choudhary	Probationary Officer, Indian Bank.

## Annexure 2

S No	EMINENT SPEAKER	
1	Padma Bhushan Prof. Manju Sharma, Former Secretary, DBT, GOI	
2	Padma Shri Prof. P. Tandon , Former Vice Chancellor, NEHU, Shillong	
3	Prof. S. N. Raina , Amity Institute of Biotechnology, Noida	
4	Prof. L.M.S. Palni, Vice Chancellor, Graphic Era University, Dehradun	
5	Prof. D. Kumar , Emeritus Scientist, Arid Legume Research Cell, CAZRI, Jodhpur	
6	Prof. H.S. Dhaliwal , Vice Chancellor, Eternal University, Baru Saheb, Himachal Pradesh	
7	Prof. B. D. Sharma , Retired Professor and Head, Jai Narain Vyas University, Jodhpur	
8	Dr. Aditi Bhandari , Ph. D. IRRI, Manila, Phillipines Topic: Opportunities and Challenges in the Field of Plant Sciences in India and Abroad	
9	Padma Shri Prof. P. Tandon CEO, Biotech Park, Lucknow, former Vice Chancellor, North Eastern Hill University (NEHU), Shillong Topic: Bioeconomy: Opportunities for Bioscience Students	
10	Prof. Nativ Dudai , Scientific Director of Emek Hama'ayanot R & D Centre, Israel Topic: Introduction and development of medicinal and aromatic plants for their suitability for new applications in the food industry	
11	Prof. P. C. Trivedi , Former Vice-Chancellor, D.D.U. Gorakhpur University, Gorakhpur and Dr. R. M. L. Awadh University, Faizabad Topic: Biology and Society: Opportunities and Challenges	
12	Dr. Pritesh Vyas Associate Professor and Head, Department of Biotechnology, Akal College of Agriculture, Eternal University, Baru Sahib, Himachal Pradesh Topic: Crop Molecular Breeding and PCR and its Mechanism	
13	<b>Prof. Dinkar Sahal</b> , Group Leader, Malaria Drug Discovery, International Centre for Genetic Engineering and Biotechnology, ICGEB New Delhi Topic: <b>The Quest for Questions is the Bridge on Which a Travelling Budding Scientist is Destined to Become a Blossoming Scientist</b>	
14	<b>Prof. S. D. Purohit</b> Formerly Head, Department of Botany; Course Director, Department of Biotechnology; Dean, University College of Science and Chairman, Faculty of Science, Mohanlal Sukhadia University, Udaipur 15Topic: <b>From PPLO to Phytoplasma – The Jokers of Biological Park</b>	

**Annexure 3**

<b>YEAR</b>	<b>NAME OF STUDENT</b>
<b>2012</b>	Mr. Bhwnesh Goswami Ms. Jyoti Kanwar Noopur Jaipal Sonu Choudhary Yashika Govil
<b>2013</b>	Mr. Sharukh Abbas Siddiqui Ms. Debopriya Roy Ms. Kusum Khatri Ms. Manila Sen Ms. Pooja Saraswat Ms. Savita Puruswani Ms. Varsha Choudhary
<b>2014</b>	Ms. Kudsiya Ashrafi (Biotechnology) Ms. Kirti Shaktawat (Biotechnology) Ms. Kirti Chouhan (Biotechnology) Ms. Deepshikha (Biotechnology) Ms. Sunita Thakur – ARS NET (Botany) Mr. Bhwneshwar Paliwal
<b>2015</b>	Ms. Pooja Soni (Biotechnology) Ms. Kanchan Sambhawani (Biotechnology) Ms. Neha Chouhan (Biotechnology) Ms. Anjali Chouhan (Botany)
<b>2017</b>	Ms. Priyanka Faroda (Botany) Ms. Renu Choudhary (Biotechnology) Ms. Karishma Sen (Biotechnology) Mr. Akhtar Khan (Botany) Mr. Kuldeep Rajpurohit (Botany)
<b>2018</b>	Ms. Deepali Chaoudhary (Biotechnology)
<b>2019</b>	Mr. Aabhas Martand (Biotechnology), GATE Ms. Himanshi Soni (Biotechnology)
<b>2020</b>	Mr. Girdhar Bhati (Biotechnology) – 2 (twice)

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**NAME OF THE DEPARTMENT – CHEMISTRY**

NUMBER OF LABS AND HIGHLIGHTS	5 laboratories & 3 instrumentation lab two for PG students & 1 for UG students.
HIGH LIGHT OF CURRICULUM	Syllabus is updated every year. Practical related to theory papers are included to develop better understanding of the subject. Compulsory Projects for PG students.
PG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE NET)	Syllabus covers most part of the syllabus included in the competitive exam.
UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)	Syllabus covers most part of the syllabus included in the competitive exam.
SUCCESSFUL AUMINI	<b>ANNEXURE: 1</b>
EXTENSION LECTURES BY	<b>Annexure 2.</b>
RARE INSTRUMENT	LIST OF INSTRUMENT INCLUDED AS <b>ANNEXURE: 3</b>
BEST PRACTICES (LIKE STUDENT SEMINAR, MAGAZINE, EDUCATIONAL TOUR, DISSERTATION, INTERNSHIP)	<ul style="list-style-type: none"><li>• PG students have to give seminar in each of their theory paper.</li><li>• PG students have to do a project as the part of their curriculum in their III sem.</li><li>• Included Cosmetics Preparation &amp; Cosmeticology as the skill course at PG level.</li><li>• Included some applied practical at UG level.</li><li>• Study through models is also included in the UG practicals.</li><li>• Visit to CDRL, Udaipur; Forensic Lab, Jodhpur &amp; local industries of Jodhpur for PG students.</li></ul>
ANY STUDENT SELECTION IN NET/ JRF, PREMIER LAB	<b>ANNEXURE 4</b>
ANY OTHER INFORMATION WANT TO SHARE	<ul style="list-style-type: none"><li>• We have very good collection of the <b>MODEL SETS</b> which are used in the classes &amp; are even included as the part of practical to improve the understanding of the chemical concepts.</li><li>• Three teachers are registered as Research Supervisor in the parent University and Five students are carrying out the PhD work under their Supervision.</li></ul>

## Annexure 1

### **DISTINGUISHED ALUMNI**

- Ajeet Singh Currently pursuing PhD from IIT Indore in Organometallic Chemistry was also selected for PhD in ISEER, Bhopal. First postdoc research from the Hebrew University of Jerusalem, Israel in 2019 with Prof Dmitri Gelman. Second postdoc offer from Max Planck Institute for Chemical Energy Conversion, Mülheim an der Ruhr, Germany for 2020.
- Praveen Gehlot PhD from CSMRS CSIR LABORATORY, Bhavnagar.
- Shyam Sunder Patel MTech & currently pursuing PhD from IIT Delhi.
- Bhagyalaxmi Gehlot Selected for Indo China Youth Exchange Program(20 to 29 September, 2011), Selected for IGNSS award (2012).  
Selected in RAS-2013
- Jaipal Singh  
Champawat
- Chanchal Malav Examiner of Patent & Designs, Deptt. of Industrial Policy & Promotion, Govt. of India, Chennai.
- Chandra Prakash  
Gharu Selected Lecturer RPSC
- Mukesh Kumar Sen Assistant Manager, Tata Steel, Orrisa
- Abdullah Siddiqui School Lecturer
- Kiran Ranga School Lecturer
- Prathvi Raj School Lecturer
- Chandresh Vivardia SSC
- Lalit Choudhary Sub Inspector, Rajasthan Police

## Annexure 2

### **EXTENSION LECTURES**

- Prof. Snageeta Gupta, Department of Chemistry, JNVU, Jodhpur, Group Theory, 2019.
- Prof. P.K Sharma, Ex- Head Chemistry and Dean Faculty of Science, J.N.V University, Research Methodology on 27 Jan 2017.
- Prof. M.K.R Sherwani Ex- Head, J.N.V University, Research Methodology on 21 Jan 2017.
- Prof. U.C Pandey, Ex- Head Gujarat University, Electron Spin Resonance Spectroscopy on 20-21Jan 2017.
- Celebrated National Science Day 29<sup>th</sup> February, 2016: A Chemistry quiz was organized for the MSc students.
- Prof S. Soondramoorthy, J.N.V University, Research Methodology on 8 January, 2013.
- Prof. P.D Sharma Ex- Head Rajasthan University, Kinetics of reaction in Solutions on 10 Feb 2013
- Prof. U.C Pandey, Ex- Head Gujarat University, Electron Spin Resonance Spectroscopy on 20-21Jan 2012.
- Prof. R.N Prasad, Ex- Head Rajasthan University, Group theory on 18-19 Feb 2012.
- Celebrated International Year of Chemistry-2011: Funded by UGC .

### Annexure 3

#### **Some important Instruments Available in Department**

- FTIR: ABB BOMEN, MB3000.
- DOUBLE BEAM AAS: Elico SL176.
- ION METER WITH (FLUORIDE & NITRATE ELECTRODE)
- DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER (ELICO, SL210 & LAB INDIA, UV3200).
- FLAME PHOTOMETER [ELICO (CL354), SYSTRONICS, MICROCONTROLLER BASED (128)].
- VISIBLE SPECTROPHOTOMETER [SYSTRONICS, 106 (2 Nos), SYSTRONICS, 167 (3 Nos) & ELICO, SL177]
- FLUOROMETER, ELICO, CL53 (2 Nos)
- NEPHLOTURBIDITYMETER, SYSTRONICS, TYPE 132.

### Annexure 4

#### **Students Cleared NET, SET, GATE & JAM**

<b>S. No.</b>	<b>Name of Students</b>	<b>Exam Qualified</b>
1.	Chandraprakash Gharu	CSIR-NET-JRF GATE
2.	Chanchal Malav	CSIR-NET-JRF GATE
3.	Shatrugan Malav	CSIR-NET-JRF GATE
4.	Anuradha Swami	CSIR-NET
5.	Rekha Choudhary	SET
6.	Vishnu Dutt Mishra	CSIR-NET
7.	Shyam Sunder Patel	CSIR-NET-JRF
8.	Chandresh Vivardiya	CSIR-NET
9.	Ajeet Singh	GATE, CSIR-NET
10.	Abdullah Siddiqui	GATE, SET
11.	Praveen Gehlot	CSIR-NET-JRF, GATE, SET
12.	Gifty Sharma	CSIR-NET-JRF GATE
13.	Jasmine Singh	CSIR-NET
14.	Bhagirath Saini	GATE
15.	Mukesh Choudhary	CSIR-NET-JRF
16.	Rajni Ramawat	CSIR-NET-JRF
17.	Ruchika Suthar	CSIR-NET
18.	Devendra	CSIR-NET-JRF, GATE
19.	Kamal Kishore	GATE
20.	Sheetal Charan	CSIR-NET-JRF
21.	Bhanwar Lal	CSIR-NET-JRF, GATE
22.	Sangeeta Vishnoi	GATE
23.	Yudhister Vaishnav	CSIR-NET-JRF, GATE
24.	Meghanka	CSIR-NET
25.	Mohit Solanki	JAM (Chemistry)
26.	Dherendra	JAM (Chemistry)

**NAME OF THE DEPARTMENT – MATHS**

HIGH LIGHT OF CURRICULUM	Only Institute in western Rajasthan that included computer Labs in BSC(Mathematics) curriculum and running successfully
PG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE NET)	For PG- As per UGC NET, GATE examination
UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)	For UG- As per JAM (Joint admission test for M. Sc. In IITs and NIITs)
SUCCESSFUL AUMINI	1. Deepak Mewara selected in IIT Kharagpur through JAM Examination 2. Aishwariya selected in NIIT Jaipur through JAM Examination
EXTENSION LECTURES BY	1. Prof. I. K. Rana, Retd. Prof. IIT Mumbai 2. Prof. S. L. Kalla, Visiting Professor, Canada
BEST PRACTICES (LIKE STUDENT SEMINAR, MAGAZINE, EDUCATIONAL TOUR, DISSERTATION, INTERNSHIP)	1. Through Students seminar we prepare students for the Presentation and Teachings skills 2. Through Educational tour in IITs we try to motivate students for further study in Mathematics
ANY OTHER INFORMATION WANT TO SHARE	Students of UG and PG got opportunity to attend Extension Lecture on computer-aided geometric design and real algebraic applications by <b>Dr. Marie-Francoise Roy</b> (Professor, Department of Mathematics, University of Rennes, <b>France</b> ) at Jodhpur Mathematics Hub

## NAME OF THE DEPARTMENT – PHYSICS AND ELECTRONICS

<b>NUMBER OF LABS AND HIGHLIGHTS</b>	<ul style="list-style-type: none"> <li>• The department has 8 well equipped laboratories for undergraduate, postgraduate and research programs.</li> <li>• Experiments pertaining to Optics, Mechanics, Condensed matters, Electromagnetic, Electronics, Communication, Digital, LASERS etc. have been set up in these laboratories to provide hands on practical training along with theoretical learning.</li> </ul>
<b>HIGH LIGHT OF CURRICULUM</b>	<ul style="list-style-type: none"> <li>• The curriculums of various papers of undergraduate and postgraduate programs have been designed in line with model national and international standards.</li> </ul>
<b>PG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE NET)</b>	<ul style="list-style-type: none"> <li>• The curriculums of various papers of postgraduate programs have been designed at par with the UGC recommendations.</li> <li>• It has been crafted in such a way that it covers most of the syllabus of NET, GATE and other academic / research oriented competitive examinations in the area of advanced Physics &amp; Electronics.</li> </ul>
<b>UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)</b>	<ul style="list-style-type: none"> <li>• The curriculum of undergraduate programs specifically cover those thrust areas of Physics &amp; Electronics which are imperative from the perspective of qualifying entrance examination of postgraduate programs conducted by national and international academic/ research institution of repute.</li> <li>• It has been testified over the years by the number of our undergraduate students qualifying such examinations.</li> </ul>
<b>SUCCESSFUL AUMINI</b>	<ul style="list-style-type: none"> <li>➤ <i>Sh Bhera Ram is pursuing Ph.D. from IIT, Delhi</i></li> <li>➤ <i>Sh Nakul is pursuing Ph.D. from IIT, Mumbai</i></li> <li>➤ <i>Ms Kirti Sankhala is pursuing Ph.D. from Hemberg University, Germany</i></li> <li>➤ <i>Sh Balwant singh is pursuing M.Tech from IIT Delhi</i></li> <li>➤ <i>Sh Shubham Patel is pursuing M.Sc. from IIT Delhi</i></li> </ul>
<b>RECENT EXTENSION LECTURES</b>	<ul style="list-style-type: none"> <li>➤ <i>Workshop on ‘Wireless Robotics’ organized in association with All India Council of Robotics and Automation (AICRA), New Delhi</i></li> <li>➤ <i>Seminar on ‘Environmental effects of nuclear radiations’ organized in association with Nuclear Power Corporation of India Limited (Govt of India), Mumbai</i></li> </ul>

	➤ <i>Workshop on 'Synthesis of nano material' organized in association with Kshitij – Make in tern, under the banner of IIT Kharagpur</i>
<b>RARE INSTRUMENTS</b>	<ul style="list-style-type: none"> <li>• Piezometer (PM100)</li> <li>• Spin Coating Unit</li> <li>• DC poling setup</li> </ul>
<b>BEST PRACTICES (LIKE STUDENT SEMINAR, MAGAZINE, EDUCATIONAL TOUR, DISSERTATION, INTERNSHIP)</b>	<ul style="list-style-type: none"> <li>• Students compulsorily undertake a project work as the part of M.Sc. Physics and BSc Electronics.</li> <li>• Educational tour was recently organised to Remote sensing Centre, Jodhpur on Science day.</li> </ul>
<b>ANY STUDENT SELECTION IN NET/ JRF, PREMIER LAB</b>	<ul style="list-style-type: none"> <li>• Mahender Singh Shekhawat</li> <li>• Santosh Kumar</li> <li>• Vinod Kumar Dave</li> <li>• Seema Choudhary</li> <li>• Pratibha</li> </ul>
<b>ANY OTHER INFORMATION WANT TO SHARE</b>	Registered PhD guide from Department of Physics, JNVU, Jodhpur : <ul style="list-style-type: none"> <li>• Dr Deshraj Sharma</li> <li>• Dr Dhiraj Saxena</li> </ul>

**NAME OF THE DEPARTMENT – PUBLIC HEALTH**

<p>NUMBER OF LABS AND HIGHLIGHTS</p>	<p>Sem I and II- 2 labs each semester (2 hours each) every week</p> <p>Sem I- General demonstration of human organs, measurement of vitals, demonstration of first Aid and BLS demonstration</p> <p>Sem II- Presentation of data, measurement of incidence and prevalence rate, central tendency, dispersion.</p> <p>Sem III and IV- 2 labs each semester (2 hours each) every week</p> <p>Sem III- BMI measurements, anthropometric measures and training of EPI INFO</p> <p>Sem IV- One way- two way communication, poster making, role model, report writing of field visits, seminar preparation, nukkad nataks.</p> <p>Sem V and VI- 2 labs per semester (2 hours each) every week</p> <p>Sem V- Research and health management - sample size estimation, questionnaire and interview, Immunization program</p> <p>Sem VI- Field visits and field projects, field project include a cross sectional study, data collection, data entry, analysing the data and summarizing the results.</p>
<p>HIGH LIGHT OF CURRICULUM</p>	<p>All public health topics are well covered in the curriculum.</p> <p>Sem I - Foundation in Public health, human biology, first aid</p> <p>Sem II- Epidemiology part 1 and biostatistics part 1, computer applications</p> <p>Sem III - Epidemiology part 2 and biostatistics part 2, health informatics</p> <p>Sem IV- Health education and promotion and social and behavioural sciences</p> <p>Sem V – Research methodology and public health</p>

	<p>management</p> <p>Sem VI- Special issues in public health like leadership and management, occupational health, international health, disaster management, pollution, nutrition and environment.</p>
UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)	Yes definitely, this course helps in preparation of Post graduation courses like Masters of Public Health (MPH).
BEST PRACTICES	<p>First aid applications are taught practically to the students in Semester I.</p> <p>Student seminars are being conducted in Semester IV- Each student is given a different topic, seminar is prepared by them and then delivered in classroom.</p> <p>Educational tours (field visits) are conducted for Semester IV and VI. Field visits to non governmental organizations, PHC's, CHC's, tertiary care, state agencies.</p> <p>Field project for Semester VI. It includes a cross sectional study, data collection, data entry, analysing the data and summarizing the results in a report.</p> <p>Internship- A total 28 days of internship training program for Semester IV with any corporate hospitals/ District hospitals/CHC/ Medical college/ Research organization/ NGO in health field/ social society in health care.</p>
ANY OTHER INFORMATION WANT TO SHARE	<p>Public Health is important due to aiding and prolonging life. Through the prevention of health issues, individuals can spend more of their years in good health. Public Health helps detect health issues as early as possible and responds appropriately to avoid the development of disease.</p> <p>A recent example is Corona virus COVID 19. India is dealing very well with it with the help of public health professionals and health care team. Therefore it is a very important field to study and understand.</p>

**NAME OF THE DEPARTMENT – ZOOLOGY**

NUMBER OF LABS AND HIGHLIGHTS	UG - TWO PG – ONE with Instrumentation Room
HIGH LIGHT OF CURRICULUM	<ul style="list-style-type: none"> <li>• Up gradation of course every year.</li> <li>• Audio- video learning</li> <li>• E-library with Educational UGC – CEC CDs- More than 40 titles</li> <li>• Local tour for UG/PG students</li> <li>• Regular visit to research institutes</li> <li>• Extension lectures</li> </ul>
PG COURSES MAKES US PREPARED FOR ANY EXAMINATION	<ul style="list-style-type: none"> <li>• Papers in course are helpful for UGC-NET , MPET Exam etc</li> <li>• Course contains topics which need attention today (Pollution, biodiversity, wildlife conservation).</li> </ul>
UG COURSES MAKES US PREPARED FOR ANY EXAMINATION (LIKE PG ENTERANCE)	<ul style="list-style-type: none"> <li>• Papers in course are mixture of classical and modern Zoology needed for any PG entrance exam</li> <li>• Practicals include food adulteration exercises, blood exercises etc which impart practical knowledge to students.</li> </ul>
SUCCESSFUL AUMINI	<ul style="list-style-type: none"> <li>• Two students are working as Health worker under Breast cancer project being run by Desert Medicine Research Center (DMRC),Jodhpur, under Central Government funding.</li> <li>• Four students are working in Arid Forest Research Institute (AFRI) , Jodhpur , in capacity of scientist, TA and Research Scholar.</li> <li>• Mr. Vareesh Baghela achieved 108<sup>th</sup> rank in CSIR-NET examination and has qualified GATE 2017. He also cleared BARC examination and Ph.D. Entrance exam of JNU New Delhi.</li> <li>• Miss Pooja Vishnoi ranked 6<sup>th</sup> in the CSIR-UGC NET Exam and she will get Shyma Prasad Mukherjee Fellowship and chance to do research work in top research institute of India.</li> </ul>
EXTENSION LECTURES	<ul style="list-style-type: none"> <li>• Dr G.S Toteja Director National Institute for Implementation Research on Non-Communicable Diseases (Formerly DMRC), and ADDL. DG, ICMR</li> <li>• Prof. (Dr.) B. K. Tyagi (Retd). Director Centre for Research in Medical Entomology, Madurai, Director and Advisor VIT , Vellore</li> <li>• Dr Jatinder Singh Kamyotra former Director and Member Secretary Central Pollution Control Board (CPCB), New Delhi</li> </ul>
RARE INSTRUMENT	<ul style="list-style-type: none"> <li>• Fine PM2.5 Sampler (FOR ESTIMATION OF AIR BORNE PARTICLES OF 2.5 MICRON SIZE)</li> <li>• UltrafinePM 1 (FOR ESTIMATION OF SMALLEST AIR BORNE PARTICLES OF 1 MICRON SIZE)- NOT AVAILABLE ANYWHERE IN THIS AREA</li> </ul>

<p>BEST PRACTICES (LIKE STUDENT SEMINAR, MAGAZINE, EDUCATIONAL TOUR, DISSERTATION, INTERNSHIP)</p>	<ul style="list-style-type: none"> <li>• Educational tours for UG/PG students</li> <li>• Regular visit to research institutes</li> <li>• Project work by PG students related to local area which give them exposure to research methodology.</li> <li>• Students seminars PG</li> <li>• Participation in form of paper/ poster presentation by students in National and International conferences/seminar/workshop.</li> <li>• local fauna report</li> <li>• Rich collection of more than 1200 insect fauna of Jodhpur Region done by students of PG.</li> </ul>
<p>ANY STUDENT SELECTION IN NET/ JRF, PREMIER LAB</p>	<ul style="list-style-type: none"> <li>• Civil services -03</li> <li>• State services -02</li> <li>• NET -05</li> <li>• GATE 2017 - 02</li> <li>• SLET -05</li> <li>• JRF -04</li> <li>• MPET - 16</li> </ul>
<p>ANY OTHER INFORMATION</p>	<ul style="list-style-type: none"> <li>• Five faculty members recognized as Research supervisor from Jai Narian Vyas University, Jodhpur.</li> <li>• Recently collaborated with Society for Indoor Environment (SIE) for the Air quality monitoring project. College is one of the 12 centers selected, in whole India for continuous monitoring (24*7) of air quality.</li> <li>• <b>Research is going on in the Department on air pollution due to PM1, which is being done for first time in this area.</b></li> <li>• <b>Department will be organising an International conference for the FIRST TIME in the college, 11<sup>th</sup> International Science Congress (ISC-2021), in association with International Science community association (ISCA), on 8th - 9<sup>th</sup> December 2021.</b></li> </ul>