



कार्यालय प्राचार्य  
शासकीय ई. राघवेन्द्र राव स्नातकोत्तर विज्ञान महाविद्यालय  
बिलासपुर (छ.ग.)

Website- [www.sciencecollegebilaspur.ac.in](http://www.sciencecollegebilaspur.ac.in)

email: - [pr.sc.college@gmail.com](mailto:pr.sc.college@gmail.com)

Ph.No:- 07752-246430

क्रमांक / 78 / स्था. / 2019

बिलासपुर, दिनांक... 29/04/2019

प्रति,

अपर संचालक  
राज्य परियोजना कार्यालय  
राष्ट्रीय उच्चतर शिक्षा अभियान  
शासकीय नागार्जुन विज्ञान महाविद्यालय परिसर  
रायपुर (छ.ग.)

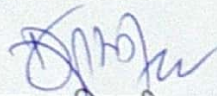
विषय :- Best Practices भेजे जाने के संबंध में।

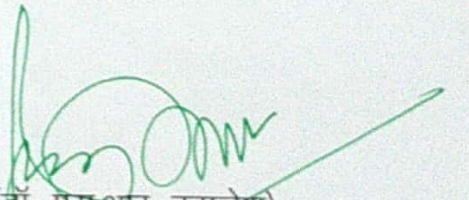
संदर्भ :- आपका पत्र क्रमांक 1005/रुसा/2019 दिनांक 18.04.2019

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विषयांतर्गत संदर्भित पत्र के तारतम्य में इस महाविद्यालय में विगत पांच शैक्षणिक सत्रों में Best Practices अंतर्गत बिन्दुवार जानकारी निम्नानुसार प्रेषित है।

संलग्न :- पृष्ठ क्रमांक 1 से ...6... तक

  
नोडल अधिकारी  
रुसा

  
(डॉ. एस.आर. कमलेश)  
PRINCIPAL,  
Govt. E. Raghayendra Rao  
शासकीय ई. राघवेन्द्र राव स्नातकोत्तर  
Post Graduate Science College,  
विज्ञान महाविद्यालय, बिलासपुर (छ.ग.)  
BILASPUR (C. G.)



NAAC- Grade 'A'

# Govt. E. Raghavendra Rao Postgraduate Science College, Bilaspur (CG)

Website- [www.sciencecollegebilaspur.ac.in](http://www.sciencecollegebilaspur.ac.in)

email: - [pr.sc.college@gmail.com](mailto:pr.sc.college@gmail.com)

Ph. No:- 07752-246430

Bilaspur, Date: 24-04-2019

## BEST PRACTICES (During last five academic sessions)

Sl. No.	Activities	Session	Description
1	Employability	2014-15	<ol style="list-style-type: none"> <li><b>1. Placement Cell:</b> Placement programs were organized by functional placement cell</li> <li><b>2. Carrier Guidance Cell:</b> Guidance to students was provided properly by the cell</li> <li><b>3. Teacher-mentor System:</b> Special support/guidance/coaching was provided for various competitive examinations by well experience faculties as mentor.</li> <li><b>4. Job oriented Courses:</b> Vocational courses like BCA, PGDCA, Biotechnology, Micro -biology &amp; Information Technology have been already introduced for UG &amp; PG students.</li> </ol>
		2015-16	<ol style="list-style-type: none"> <li><b>1. Placement Cell:</b> Placement programs were organized by functional placement cell</li> <li><b>2. Carrier Guidance Cell:</b> Guidance to students was provided properly by the cell</li> <li><b>3. Teacher-mentor System:</b> Special support/guidance/coaching was provided for various competitive examinations by well experience faculties as mentor.</li> <li><b>4. Job oriented Courses:</b> Vocational courses like BCA, PGDCA, Biotechnology, Microbiology &amp; Information Technology have already introduced for UG &amp; PG students.</li> </ol>
		2016-17	<ol style="list-style-type: none"> <li><b>1. Placement Cell:</b> Placement programs were organized by functional placement cell</li> <li><b>2. Carrier Guidance Cell:</b> Guidance to students was provided properly by the cell</li> <li><b>3. Teacher-mentor System:</b> Special support/guidance/coaching was provided for various competitive examinations by well experience faculties as mentor.</li> <li><b>4. Job oriented Courses:</b> Vocational courses like BCA, PGDCA, Biotechnology, Microbiology &amp; Information Technology have already introduced for UG &amp; PG students.</li> <li><b>5. Skill based Courses:</b> Ten Skill based courses have been introduced under open choice system for UG students at sixth semester, as a motivation towards self employment</li> <li><b>6. Under MYSY:</b> 33 students were selected as trainee student and 15 were hired for employment.</li> </ol>
		2017-18	<ol style="list-style-type: none"> <li><b>1. Placement Cell:</b> Placement programs were organized by functional placement cell</li> <li><b>2. Carrier Guidance Cell:</b> Guidance to students was provided properly by the cell</li> <li><b>3. Teacher-mentor System:</b> Special support/guidance/coaching was provided for various competitive examinations by well experience faculties as mentor.</li> <li><b>4. Job oriented Courses:</b> Vocational courses like BCA, PGDCA, Biotechnology, Microbiology &amp; Information Technology have already introduced for UG &amp; PG students.</li> <li><b>5. Skill based Courses:</b> Ten Skill based courses have been introduced under open choice system for UG students at sixth semester, as a motivation towards self employment</li> <li><b>6. Under MYSY:</b> 33 students were selected as trainee student and 15 were hired for employment.</li> </ol>
		2018-19	<ol style="list-style-type: none"> <li><b>1. Placement Cell:</b> Placement programs were organized by functional placement cell</li> <li><b>2. Carrier Guidance Cell:</b> Guidance to students was provided properly by the cell</li> <li><b>3. Teacher-mentor System:</b> Special support/guidance/coaching was provided for various competitive examinations by well experience faculties as mentor.</li> <li><b>4. Job oriented Courses:</b> Vocational courses like BCA, PGDCA, Biotechnology &amp; Microbiology and Information Technology have already introduced for UG &amp; PG students.</li> <li><b>5. Skill based Courses:</b> Ten Skill based courses have been introduced under open choice system for UG students at sixth semester, as a motivation towards self employment</li> <li><b>6. Collaboration</b> with Tata Institute of social sciences (TISS) &amp; Atal Vihari Vajpeyi University Bilpspur (CG), started a Certificate course fogram called (NUSSD) A National University students Skill Development Program 50 Students were registered 06 placement.</li> </ol>
2	Faculty Improvement Program	2014-15	<ol style="list-style-type: none"> <li>1. Organized two days National Seminar by the department of Chemistry (UGC).</li> <li>2. Organized one day workshop on Choice Based Credit System</li> <li>3. Organized special lecture and computer skill training program at college level.</li> <li>4. Faculty members were participated/presented their papers and delivered invited talk in various seminar/conferences and workshop. (List enclosed)</li> <li>5. Assessment and Accreditation of Institution by NAAC was performed.</li> </ol>
		2015-16	<ol style="list-style-type: none"> <li>1. Organized two days National Seminar by the department of Mathematics (UGC).</li> <li>2. Organized one day workshop on Digital India and Skill based courses</li> <li>3. Organized special lecture and Instrumentation training program at college level.</li> <li>4. Faculty members were participated/presented their papers and delivered invited talk in various seminar/conferences and workshop. (List enclosed)</li> </ol>
		2016-17	<ol style="list-style-type: none"> <li>1. Organized one day workshop on Examination Reforms and Evaluation system (RUSA)</li> <li>2. Three faculty members have completed orientation program</li> <li>3. Faculty members were participated/presented their papers and delivered invited talk in various seminar/conferences and workshop. (List enclosed)</li> </ol>
		2017-18	<ol style="list-style-type: none"> <li>1. Organized one day workshop on Teaching- Learning Method and Quality enhancement</li> <li>2. Two faculty members have completed orientation program and two Refresher program</li> <li>3. Faculty members were participated/presented their papers and delivered invited talk in various seminar/conferences and workshop. (List enclosed)</li> </ol>
		2018-19	<ol style="list-style-type: none"> <li>1. Organized two days National Seminar by the department of Mathematics (CGCOST).</li> <li>2. Faculty members were participated/presented their papers and delivered invited talk in various seminar/conferences and workshop. (List enclosed)</li> </ol>

3	Students Satisfaction Survey	2014-15	Feedback was taken from students, analyzed and implemented for student's favor.			
		2015-16	Feedback was taken from students, analyzed and implemented for the same.			
		2016-17	Feedback was taken from students, analyzed and implemented for quality education			
		2017-18	Feedback was taken from students, analyzed and implemented for examination reforms			
		2018-19	Feedback was taken from students, analyzed and implemented for student's facility.			
4	Increase in Enrolment at entry level of UG/PG and Ph.D. levels	2014-15	UG - 484	PG - 230	Ph. D. - Nil	Total - 714
		2015-16	UG - 543	PG - 234	Ph. D. - Nil	Total - 777
		2016-17	UG - 531	PG - 252	Ph. D. - 28	Total - 811
		2017-18	UG - 530	PG - 255	Ph. D. - Nil	Total - 785
		2018-19	UG - 532	PG - 253	Ph. D. - Nil	Total - 785
5	Comprehensive Enrolment across UG/PG / Ph.D.	2014-15	UG - 1100	PG - 423	Ph. D. - 03	Total - 1526
		2015-16	UG - 1244	PG - 404	Ph. D. - 01	Total - 1649
		2016-17	UG - 1289	PG - 435	Ph. D. - 28	Total - 1752
		2017-18	UG - 1326	PG - 452	Ph. D. - 28	Total - 1806
		2018-19	UG - 1419	PG - 441	Ph. D. - 25	Total - 1885
6	List of Innovative measures taken, if any	2014-15 To 2018-19	<p>Following major reforms have been made –</p> <ol style="list-style-type: none"> <li>Semester system in UG &amp; PG program</li> <li>Choice Based Credit System in UG courses</li> <li>Continuous assessment system</li> <li>Three steps of Internal assessment for 20% marks in each paper</li> <li>Three forms of questions (Objective, Short answer and Descriptive answer type questions) in examination paper.</li> <li>Central evaluation system employed</li> <li>Transparency of evaluation system – Answer book open for students after Publication of results.</li> <li>Utilization of Smart Classes: Training has already been made for Smart Class Teaching.</li> <li>Clean and Green Campus with pollution free environment</li> <li>Conduction of skilled based courses- Mushroom cultivation &amp; Preservation, Gardening and Floriculture Basic Instrumentation Skill, Web Designing, Hardware Networking &amp; Cyber Security, Communicative English, Basic Analytical Chemistry, Bio-instrumentation &amp; Repairing, Geo-mapping and Disaster management and Constructive language and artistic presentation for sixth semester students creating an environment of self employment and entrepreneurship.</li> </ol>			
7	List of possibilities of replicating / Up scaling the practice nationality	2014-15 To 2018-19	<ol style="list-style-type: none"> <li>Use of Solar Energy for class room, laboratory and the entire campus</li> <li>Health lab. under Youth Red Cross for student's health assessment</li> <li>Under motivation program - Financial assistance to downtrodden by flourished students</li> <li>Under Campus Environment - Plant diversity conservation and data maintenance</li> <li>Elaboration and up gradation of Institutional/ Industrial collaboration and Placement</li> <li>Village enrichment programs - Student's linkage with village for Education, Health, Awareness and other developmental scheme.</li> <li>Employment of audio-visual aid for Class room teaching, development of e-content and e-library with e-classes</li> <li>Creation for self employment and entrepreneurship through skill based courses</li> <li>Under 'Swaksh Bharat' Abhiyan, contribution to make 'Our City - Clean &amp; Green'</li> </ol>			
8	List of any training manuals, guidelines, newspaper clippings, pictures, video & audio documents, and/or Websites that have created and developed as a result of identifying the practices.	2014-15 To 2018-19	<ol style="list-style-type: none"> <li>Training manuals have been made for Teaching - learning methodology</li> <li>Under 'Mukhyamantri Yuva Swablamban Yojana' (MYSY), training manuals was made.</li> <li>Under Academic &amp; Examination Reforms - Training manuals have been made for Internal Assessment, Question pattern, Central Evolution and disclosure of evaluated answer book to Students after declaration of results.</li> <li>Training manuals have been made for Skill-Based Courses</li> <li>Video lectures have made by four faculties under training program Atal Bihari Vajpaie University, Bilaspur.</li> <li>Working manuals of the Central Laboratory have been made for Teachers &amp; Research Students from in/outside to the Institution.</li> <li>Developed dynamic Website of this Institution with entire Information of Faculties, Courses and Examination, Syllabus, Question models, Results and other Notification.</li> </ol>			

Nodal Officer, RUSA

PRINCIPAL

Govt. E. Raghavendra Rao  
Post Graduate Science College  
Bilaspur (C.G.)

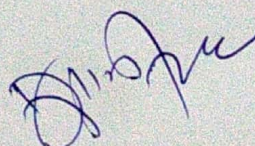
## ACHIEVEMENTS OF STUDENTS IN OTHER ACADEMIC ACTIVITIES

### LIST OF NET JRF/ NET-LS/ SET/ GATE QUALIFIED STUDENTS-

DEPTT.	Sl. No	NAME	DEPTT.	Sl. No	NAME	
MATHEMATICS	1	Amit Mondal	BOTANY (SET/NET)	1	Indu Soni	
	2	Madan Patel		2	Jagganath Suryawansi	
	3	Sakshi Dev Pandey		3	Versha Lakra	
	4	Om Prakash Dewangan		4	Kalyani Dhruv	
	5	Vivas Bank		5	Roshan Kumar	
	6	S K Murtaja		6	Annunay Toppo	
	7	Rupesh Halwai		7	Tileshwar Chandra	
	8	Laxman		8	Deepa Yadav	
	9	Raju Patel		9	Dolamani Sahu	
	10	Purnanand		10	Kishor Kr Yadav	
		11	Gayatri Sao	MICROBIOLOGY	1	Ranu Yadav
		12	Vidya Sahu		2	Satyawati Kashyap
CHEMISTRY	1	Tarun Patle	MICROBIOLOGY	3	Sujata Yadav	
	2	Alka Patle		4	Lata Jaiswal	
	3	Sham Banjare		ZOOLOGY	1	Chitrangadha Singh
	4	Dhaneshwar Dewangan			2	Sanjay Mahilange
	5	Navin Sahu	3		Ramrati Nishad	
	6	Pushpendra Jangde	4		Anjali Kanwar	
	7	Heera Lal	5		Dhananjay Sahu	
		8	Bhanu Pratap			
		9	Brijesh Kumar			
		10	Komal Kashyap			
		11	Vishwant Kumar			
		12	Dharmendra Pradhan			
		13	Bhushashi Khunte			
		14	Anshu Netam			

### P. S. C. /ASSISTANT PROFESSOR/OTHER JOBS

DEPTT.	NAME	JOB
MATHEMATIC	Mr.Prakash Yadaw	Assistant Professor
	Mr.Ramlakhan Pandey	Assistant Professor
	Dr. Deepesh Patel	Assistant Professor
	Dr. Urmila Mishra	Assistant Professor
	Mr. Dildar Singh Tandon	Assistant Professor
	Mr. Surendra Mehar	Assistant Professor
	Mr. Yashwant Jaiswal	Assistant Professor
	Mr. Madan Patel	Assistant Professor
	Mr. Rameshwar Upadhyay	Assistant Professor
	Mrs.Usha Rathore	Assistant Professor
	Mr.Jaychand Dewangan	Assistant Professor
	Mr.Kamlesh Thakkar	Assistant Professor
	Mr.Rishabh Choubey	Assistant Professor
	Dr. Vikas Gulhare	Assistant Professor
	Mr.Narottam Purley	Assistant Professor



<b>PHYSICS</b>	Mr.Minakshi Chandra	Assistant Professor
	Mr.Rakesh Kurrey	Assistant Professor
	Prabhakar Tiwari ,	SI Crime Branch & Incharge Cyber Cell
	Dr V. B. Rathore	Medical Physicist JLM College
	Ms.Pratibha Tiwari	DSP CGPolice
	Mr.Suryakant Sharma	DSP MP Police
	Mr.Lal Kamaleshwar Singh	AAO, LIC
	Late Dr. Diwakar Tiwari	Scientific officer- I I G, Mumbai
	Mr.Avinash Thethwar	Preventive officer, Customs
	Dr. Rakesh Kumar Roy	Associate Professor
	Dr. Avanish Upadhyay	Associate Professor
	Dr. R. S. Kher	Prof. in Govt. college
	Dr. L. K. Jaiswal	Prof. in Govt. college
	Dr. Alpana Sharma	Prof. in Govt. college
<b>CHEMISTRY</b>	Mr.Tekchand Agrawal	Deputy Collector
	Mr. Gyanendra Singh	Deputy Collector
	Mrs Sangeeta	Assistant Professor
<b>ZOOLOGY</b>	Ku. Dineshwari Nand	Dy.SP
	Ku. Chanchal Tiwari	Dy.SP
	Mr. Indrabhan Singh Kanwar	Assistant Professor
	Dr. Santosh Agrawal	Assistant Professor
	Mr. Dakeshwar Patel	Assistant Professor
	Mr. D.P.Kori	Assistant Professor
	Mr. S. K. Patel	Assistant Professor
Mr. Dhananjay Sahu	Veterinary Officer	
<b>MICROBIOLOGY</b>	Mr. Raju Paswan	ADEO
	Mr. Giridhari S. Raj	Veterinary Assistant
	Mr. Ravisahankar Sahu	Indian Railways
	Ms. Anupama Lakra	Patwari
	Ms.Pratibha Sharma	Assistant Professor
MS. Richa Dwiwedi	Assistant Professor	
<b>BOTANY</b>	Mr. Jagganath Suryawansi	School Principal
	Mr. Suresh Nawrang	Forest Ranger
	Mr. Anil Patel	Police Inspector
	Mr. Versha Lakara	Asstt. Professor
	Mrs Indu Soni	Asstt. Professor
	Mrs Kalpana Patel	School Teacher
	Miss Deepa Yadav	School Teacher
<b>GEOLOGY</b>	Shabnam Bano	CIMFR
	Shashi kumar Ptel	CIMFR
	Uttam Patel	CIMFR
	Vijayendra Kaiwart	CIMFR
	Samudra Behra	CIMFR
	Ramkrishna Dhruv	CIMFR
	Basant Kumar Pankaj	CIMFR
	Suraj Rath	CIMFR
	Nehru Duwan	CIMFR
	Santoosh Kumar Gahire	CIMFR
	Rekhalal Rajput	Mining Inspector

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**LIST OF CAMPUS PLACEMENT  
(During Last Five Sessions)**

Session	Name	Class	Post	Employer
2014-15	Jaydeo Sharan Sidar	M. Sc.	Level II	CSIR
	Dinesh Kumar Jangre	M. Sc.	Level II	CSIR
	Sandeep Ajgale	M. Sc.	Level II	CSIR
	Santosh Kumar Dewangan	M. Sc.	Level II	CSIR
	Nehru Dugan	M. Sc.	Level II	CSIR
2015-16	Abhilash Pandey	M. Sc.	Chemist	BEC Fertilizer
	Virendra Sarwy	M. Sc.	Chemist	BEC Fertilizer
	Vivek Dewangan	M. Sc.	Chemist	BEC Fertilizer
	NawneetSahu	M. Sc.	Tech. Officer	Vedanta, Jharsuguda
	Basant Kumar Pankaj	B. Sc Final year	Project Assist.	CSIR - CIMER
	Manoj Kumar Yadav	B. Sc Final year	Project Assist.	CSIR - CIMER
	PremaDewangan	B. Sc Final year	Project Assist.	CSIR - CIMER
	Ram Krishna	B. Sc Final year	Project Assist.	CSIR - CIMER
	Rekla Lal Rajput	B. Sc Final year	Project Assist.	CSIR - CIMER
	SabnamBanoo	B. Sc Final year	Project Assist.	CSIR - CIMER
	Samudra Behra	B. Sc Final year	Project Assist.	CSIR - CIMER
	Uttam Kumar	B. Sc Final year	Project Assist.	CSIR - CIMER
VijndraKaiwart	B. Sc Final year	Project Assist.	CSIR - CIMER	
2016-17	NaweenSahu	B. Sc Final year	Tech. Officer	Vedanta Jharsuguda
	Arvind Banjare	B. Sc Final year	Tech. Officer	BALCO
	Nitesh Sahu	B. Sc Final year	Tech. Officer	BALCO
	Santosh Dewangan	B. Sc Final year	Tech. Officer	CSIR - CIMER
2017-18	Mahendra kr Sahu	B. Sc Final year	Chemist	BEC Fertilizer
	Vijendra suryawansi	M. Sc. First Year	Chemist	BEC Fertilizer
2018-19	Ku. Richa Shrivias	B. Sc Final year	Tech. Officer	CSIR - CIMER
	Shashi Kumar Patel	B. Sc Final year	Tech. Officer	CSIR - CIMER
	Santosh Gahre	B. Sc Final year	Tech. Officer	CSIR - CIMER
	Dinesh Jangre	B. Sc Final year	Tech. Officer	CSIR - CIMER

*(Handwritten Signature)*

## **ACADEMIC LINKAGES (During last Five Sessions)**

### **1. MICROBIOLOGY:**

**MOU with following Research centre for M. Sc. Project work –**

Dept. of Biotechnology & Botany. Banaras Hindu University, Varanasi.  
Dept. of Biotechnology & Microbiology, Barkatullah University, Bhopal.  
College of Biotechnology, Birsa Agriculture University, Kanke, Ranchi, Jharkhand.  
Dept. of Biotechnology & Microbiology, RSTMG University, Nagpur.  
Dept. of Life Sciences, Rani Durgawati University, Jabalpur.  
Dept. of Biotechnology & Microbiology. Autonomous College, Bhilai/Durg.  
V.Y.T.PG. Autonomous College, Durg (C.G.).  
Dept. of Biotechnology, Govt. Nagarjuna PG. Science College, Raipur (C.G.)

**Students from following college attended in this department for Project work -**

Dept. of Biotechnology & Microbiology. Autonomous College, Bhilai/Durg.  
V.Y.T.PG. Autonomous College, Durg (C.G.).  
Department of Microbiology and Bioinformatics, ABVV, Bilaspur

### **2. PHYSICS:**

**MOU with following Research centre for M. Sc. Project work –**

Deptt. RTM Nagpur University, Nagpur  
Deptt. Of Electronics & Elec. Engg. I. I. T. Roorkee  
Physics Deptt. Pt. R. S. Shukla University, Raipur  
Applied Physics Deptt., O. P. Jindal Institute of Technology, Raigarh

### **3. CHEMISTRY:**

**M.O.U. with CIMFR (Central Institute of Mining and Fuel Research Bilaspur)**

### **4. Botany and Microbiology department collaborates with UTD, Microbiology, Atal Bihari University to conducting Research Project.**

