

**13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
The College plans to complete the following infrastructural and other developmental initiatives in the following year:	
All the departments will send proposals to state govt. MHRD, RUSA and other funding agencies to get funding for up gradation of information and Lab facilities.	RUSA has provided funds for purchase of equipments ( 70 lakh) and upgradation of infrastructure (70 Lakh)
Computer and IT departments are planning to motivate UG & PG students to join online learning platforms, use smart phone as a learning tool.	Students and faculty members are registered in online learning platforms like SWAYAM and NPTEL, e-pathshala Smart phones are being used for Spotting and e-herbarium, preparation plant identification in Botany using sites like picturethis....., Zoology students use Online content for visualizing dissection, online grammar classes, Dictionary and thesaurus are used for meanings, usage and pronunciation, In chemistry...
Computer department plans to introduced skill based projects/practical like web design, web application, website development.	Skill based project have been introduced in BCA I from this session. Students of BCA Ist year have developed an App.
Computer and IT department world like to organize workshops/seminars and inter collegiate competitions for development of ICT based teaching – learning tools.	Two day workshop was organized for PG Students on Programming & networking skill 25/04/2019and 26/04/2019
Department of chemistry process to upgrade classrooms in to smart class and seminar hall with modern facilities.	Up gradation in to Smart (as rooms done ,E-class rooms to be used as seminar hall by each deptt. , wi-fi receiver is provided to each department to access internet for teaching
Department of Zoology proposes to introduce a new job oriented elective paper in immunology and immune-	Both electives have been approved by the BoS and Academic Council and is introduced from 2018-19.

technology.	
Zoology department has developed a question bank for UG & PG students. This year they wish to update it with new questions in A, B, C pattern.	The question bank was Updated and objective and short answer type questions were introduced in A,B,C Pattern
In coming session Zoology department will develop a faunal catalogue (insects, fish, birds and Zooplankton etc.)	The preparation of faunal Catalogue has been initiated. It will be completed in the following session
Biochemistry department has started PG programme and it has planned to introduce some interdisciplinary experiments and project in the coming session.	Proposal sent Interdisciplinary Project on “ Estimation of oil eating capacity of bacteria in CG region”
Geology department will organize invited talks by eminent Alumni of the department.	One invited lecture was organized by the geology department By Shri Yogesh Pandey (GSI director )
Department of Physics will develop a Proforma of energy audit, will train students to perform the audit and will get it done students.	Proforma has been developed in collaboration with CREDA. CREDA will organize a workshop in December 2019 to train PG students of the department and perform Energy Audit of the college building.
PG student of Physics will be doing more industrial based projects through collaboration with nearby industries and institutes.	PG students are doing projects with CIPET and other industries in the neighbourhood for doing their PG projects
Department of Biotechnology would like to enrich their departmental library to be developed as potential knowledge resources.	A number of e- books have been downloaded and e - content from NPTEL and other online resources are being used by the students (details of ref & text books purchased during last session.
The Alumni association is planning to register more than 1000 Alumni and get them involved for contribution in the academic and infrastructural development of our college.	Contribution made by Alumni in 2018-19 Instruments like Colour Printer for Autonomy, Physics Instruments, 7 Coolers, 7 Fridges, Wheel Chair were donated by the Alumni
Office automation and management	MIS has been introduced Asp.net c# database Ms SQL

<p>information system will be developed by next year.</p>	<p>server in office. Student section ( college management system), central library and Examination Cells were fully automated in the session 2018-19.</p>
<p>More activities to develop incubation centre develop start up eco system will be done by the career and placement cell of our college.</p>	<p>IQAC organized Entrepreneurship Awareness 1. Camp for Students during 8<sup>th</sup> to 10<sup>th</sup> Jan 2019  2. Faculty development program for training faculty to initiate entrepreneurship development in students, was organized during 18<sup>th</sup> Jan to 1<sup>st</sup> Feb 2019  3. IQAC has signed a MoU with Chhattisgarh Industrial and Technical Consultancy ( CITCON) , Raipur for initiating start up, entrepreneurship and self employment.</p>
<p>Student satisfaction survey report will be utilized for policy making and implement new plants to help students.</p>	<p>Action taken ATR on student feedback is compiled for last five years.  A proposal has been sent for infrastructure up gradation of college building to Dept of Higher Education, CG and RUSA.</p> <ul style="list-style-type: none"> <li>• Lecture capturing system will be installed in the e- Classroom shortly. So the lectures of experienced faulty members of this college can be shared by other HEIs.</li> <li>• Question Bank has been prepared by some of the departments for new exam pattern.</li> </ul>
<p>Department of Botany proposes to organize 7 days workshops cum training programme and a 3 day national workshop on DNA technologies.</p>	<p>Proposal has been sent to CGCOST/ and CHIPS for sanction of grants</p>