

## BABU JAGJIVAN RAM GOVERNMENT DEGREE COLLEGE

## Narayanaguda, Hyderabad.





Internal Quality Assurance Cell

Report on Activities Including
Experiential & Participative Learning
(2015-16 to 2019-20)

## List of Activities related to Student Centric Methods Such as Experiential Learning, Participative Learning & Problem-solving Methodology.

Sl. No	Name of the Activity	Date
1.	National Webinar on "Digital Transformation- pedagogical changes by Nitin pahaw, National Program officer Microsoft teams by Physics Department	03.09.2020
2.	Online Faculty and Student Development Programme (FSDP) on Learning Management System (MOODLE)	23.07.2020 – 27.07.2020
3.	Online Faculty and Student Development Programme (FSDP)on Python Programming	16.07.2020 – 22.07.2020
4.	One Week National Programme on "Significance of Skill Development for University and College Students	06.07.2020 – 11.07.2020
5.	Webinar on "Art of Learning", delivered by Prof. Govardhan, Rector and Registrar, Jawahar Lal Nehru University, Hyderabad	15.05.2020
6.	A One Day Workshop on Research skills by IQAC	16.03.2020
7.	Training program on 'Presentation and Report Preparation' for Teaching Staff	01.03.2020 – 15.03.2020
8.	A One Day Work shop on Virtual Labs by Department of Physics	04.01.2020
9.	A One-Day Workshop for Teaching Staff on Student-Centred Methodology	20.07.2019
10.	Programme on Importance of Professional Ethics	30.04.2019
11.	One Day Workshop cum Training on "Mushroom Cultivation –A scope for skill and Entrepreneurship development	02.04.2019
12.	One day work shop on Student Centered Methodology by IQAC and English department	25.08.2018
13.	Orientation Programme/Workshop for Teaching Staff on 'Student-Centred Methodology and Learner Autonomy'	10.08.2018
14.	Two-Day workshop on 'Carbon Footprint' by the Department of Chemistry	06.02.2018 - 07.02.2018
15.	5-Day Workshop on Communication and Language Skills, organized by IQAC and English Department	21.09.2017 – 25.09.2017
16.	Orientation Program for Teaching and Non- Teaching Staff	09.06.2017
17.	One Day Workshop on Moulding Careers and Future Plans by IQAC	15.12.2016
18.	Two-Day Faculty Development Programme	06.04.2016-07.04.2016
19.	One Day Work Shop on Blood Composition by Department of Zoology	10.02.2016
20.	Orientation Programme for Teaching and Non- Teaching staff	20.12.2015

# National Webinar on "Digital Transformation-Pedagogical Changes" by Department of Physics

#### 03.09.2020

The Department of Physics conducted a National Webinar on "Digital Transformation-Pedagogical Changes" on 03.09.2020. Mr. Nithin Pahwa, Microsoft Teams was the Resource Person.

The focus of the webinar was on the way the pandemic has resulted in the switch over to digital transformation. Covid-19 forced all to work from home virtually and remote work had a great moment. Education preferred transformational change which is significant in the work processes and produce improvement in performance.

Mr. Pahwa spoke about how the digital transformation in education can enhance instructional learning especially in higher education by creating a blended learning experience that combines both traditional classroom based methods and modern technology. He also stressed on the need for teachers and students to accept the change and benefit from it.



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# Online Faculty and Student DevelopmentProgramme (FSDP) on Learning Management System (MOODLE)

23.07.2020 - 27.07.2020

Babu Jagjivan Ram Government Degree College has a formal association with Spoken Tutorials, IIT Bombay, to pursue certificate courses through MOOCS. An MoU has been signed by the Commissionerate of Collegiate Education, Telangana State, with Spken Tutorials, IIT, Mumbai, on behalf of government degree colleges in the state.

The college organized a One-Week National Online Workshop for Faculty and Students on Learning Management System – MOODLE from 23.07.28 to 28.07.2020. 243 participants enrolled for the course and received the course participation certificates successfully from Spoken Tutorials, IIT, Mumbai. During the workshop, the participants gained a thorough hands-on knowledge in accessing with Moodle LMS.



http://www.youtube.com/watch?v=6ODulzmadAo

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# Online Faculty and Student Development Programme (FSDP) on Python Programming

16.07.2020 - 22.07.2020

Babu Jagjivan Ram Government Degree College has a formal association with Spoken Tutorials, IIT Bombay, to pursue certificate courses through MOOCS. An MoU has been signed by the Commissionerate of Collegiate Education, Telangana State, with Spoken Tutorials, IIT, Mumbai, on behalf of government degree colleges in the state. In this regard, the college organized *One-Week National Online Workshop for Faculty and Students on Python Programming* during 16.07.28 to 22.07.2020. 241 participants enrolled for the course and successfully received the course participation certificates from Spoken Tutorials. During the workshop, participants gained thorough hands-on knowledge in Python Programming



https://youtu.be/wZov61CtjvM

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# One Week National Programme on 'Significance of Skill Development for University and College Students'

06.07.2020 - 11.07.2020

The college has organized One Week National Online Workshop titled Significance on Skill Development for University and College Students during 6<sup>th</sup> July 2020 to 11<sup>th</sup> July 2020. Prof D.T. Chary (Principal, GDC Parkal), Dr. Anjaneyulu (SVS GDC Vidyanagar), Dr. SambasivaRao Baragada (BJR GDC), Dr. D. Muniswamy (BJR GDC) and Mr. D. Devaiah (BJR GDC) are the key resource persons for the programme. Participants have gained the significance of imparting skills along with their academics for a better livelihood in the society.



One Week National Programme on "Significance of Skill Development for University and College Students" – Seminar Brochure

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## Webinar on "Art of Learning" by the Department of Physics 15.05.2020

The Department of Physics organized a National Level Webinar on *Art of Learning* on 15.5.2020. The event has been convened by Smt. S. Radhika, Associate Professor of Physics and chaired by the Principal, Dr. P. Bala Bhaskar. Prof. A. Govardhan, Rector and Registrar (I/C), JNTU Hyderabad was the Resource Person for the event. The participants gained a good understanding of various techniques and practices to be adopted during learning.



Webinar "Art of Learning" - brochure

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## One Day Workshop on Research Skills 16.03.2020

An Online Workshop on Research Skills was conducted by the Student Study Projects Committee (JIGNASA) in association with the IQAC on 16.03.2020. The workshop was originally scheduled to take place as a physical event. However, due to the prevailing conditions of the pandemic, the event was held online after the declaration of lockdown.

As a part of the quality initiative of the college as well as the CCE, the college conducted the workshop to provide training in the following research skills:

- · Writing Skills
- Plagiarism
- · Reliable and Unreliable Sources
- Code of Ethics

The Convenor of the Jignasa Committee, Dr. A. Santoshi, was the Resource Person. The students participated most enthusiastically in the workshop and benefited from it. The teaching staff also participated in the workshop.



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## Training Programme for Non-Teaching Staff 1.03.2020 to 15.03.2020

A training program was conducted by the Department of Computer Science on Basic Computer Skills for the Non-Teaching staff from 1.03.2020 to 15.03.2020 as Basic computer skills refer to an ability to perform fundamental tasks on a computer. It enables them to understand certain applications, programs, tools and more. Due to this training, they will understand how computers work in general. They have learnt the fundamentals of computers that can give them the foundational knowledge to build upon.





### A One Day Work shop on Virtual Labs by Department of Physics 04.01.2020

BJR Government Degree College got approval as Nodal Center (one of the five Nodal Center Colleges of Telangana State) for implementing Virtual Labs by Amrita Vishwa Vidyapeetham, Kerala and Physics Department Faculty Smt. S.Radhika and Dr.S.E.Naina Vinodini are the Nodal Coordinators for conducting Virtual Lab Experiments. Our college is among the five colleges in Telangana State to implement this facility to the students. The Nodal Centre Program is an exciting new venture which provides a platform for the Teachers and Students to contribute towards future development of Virtual labs and Experiments. This program is sponsored by MHRD-(NME-ICT)). This initiation was taken by the Physics Department a pride activity, which is an Inter-disciplinary program includes the Departments of Physical Sciences, Life Sciences and Computer Sciences to meet the present Student strength. The main intention of the program is to provide opportunity for the students to learn Experiments thoroughly. Dr.R. Komala from Department of Physics, St. Pious Degree & PG College for Women, Nacharam, Hyderabad was Resource person. Hands-on-training session was conducted for the students.





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# A One-Day Workshop for Teaching Staff on Student-Centred Methodology 20.07,2019

In continuation of the Workshop on Student-Centred Methodology conducted last year, the IQAC conducted a one-day workshop for teaching staff on Student Centered Methodology with the focus on the various student-centric methods like:

- 1. Participative learning
- 2. Experiential Learning
- 3. Problem Solving Methodologies

The Resource Person, Smt. P.V. Geetha Lakshmi Patnaik, IQAC Coordinator, divided the whole class into pairs and then conducted the TPS (Think-Pair-Share) activity to demonstrate how students can be motivated to learn through SCM (Student-Centered Methodology). The faculty members were asked to demonstrate the problem-solving methodologies, thereby helping each other with the activities. By the end of the workshop, all of them were able to assign tasks and write lesson plans using these techniques/methods.





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## Programme on 'Importance of Professional Ethics' 30.04.2019

An Orientation Programme on "The Importance of Professional Ethics" was conducted by the IQAC under the guidance of the Principal, Dr. P. Bala Bhaskar, who introduced the Resource Person, to the rest of the participants. Dr. P. Bala Bhaskar spoke about the efforts made by the college in inculcating Human Values and Professional Ethics among the students and staff.

The Resource Person, Professor R. Limbadri, Vice Chairman, Telangana State Council for Higher Education, Hyderabad, spoke about the importance of Professional Ethics and their prime objectives, namely,

- Moral awareness
- Moral reasoning
- ➤ Moral coherence
- ➤ Moral imagination
- Moral communication

The members of the Teaching and Non-Teaching Staff who participated in the programme were greatly benefited by the inspiring talk of such an eminent personality.

Dr. P.V. Geetha Lakshmi Patnaik, IQAC Coordinator, proposed a vote of thanks.





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## One Day Workshop-cum-Training on 'Mushroom Cultivation -A Scope for Skill and Entrepreneurship Dsdpmd 02.04.2019

The Department of Botany organized a One-Day Workshop-cum-Training Programme on 'Mushroom Cultivation - A Scope for Skill and Entrepreneurship Development' on 02 04 2019. Mr Mahesh, CEO of Swastika Enterprises, Resource Person, trained the students in mushroom cultivation.

Dr. N. Ravi Babu, Assistant Professor of Botany, and Smt. Sunitha, Associate Professor of Botany, supervised the event. 401 students with great enthusiasm have participated in the workshop and gained thorough hands-on experience in mushroom cultivation. The program was a big success in which all the Life Sciences students participated and were actively involved in learning mushroom cultivation.





Students involved in preparing Mushroom Cultivation

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# One day work shop on Student- Centered Methodology by IQAC and English department 25,08,2018

Smt. P.V.Geetha Lakshmi Patnaik is the Head and In-charge of the Department of English, and IQAC Coordinator, BJRGDC. She is pursuing her research and is a recipient of the Best Teacher award. She has a number of publications to her credit. She is certified as English Language Teacher Trainer by the Commissionerate of Collegiate Education, Government of A P. Hyderabad, and U. S. State Department of English Language Programs.

To introduce the students to learner autonomy and student-centric activities in the classroom. To familiarise the students with the activities like 'think-pair-share' and group work, pair work, peer learning etc.

The students were introduced to the new techniques of Student Centred Methodology and activities like pair work, group work etc were most popular among them. The teacher and students were able to benefit from the programme.



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## Orientation Programme/Workshop for Teaching Staff on 'Student-Centred Methodology and Learner Autonomy'

### 10.08.2018

The IQAC organized an Orientation Programme-cum-Workshop for the Teaching Staff on the topic 'Student-Centred Methodology and Learner Autonomy' on 10.08.2018. The Resource Person was Ms. P. V. Geetha Lakshmi Patnaik, IQAC Coordinator of the college. Ms. Patnaik is a certified Master Trainer, who was certified as a Master Trainer under the English Language Fellow Programme jointly sponsored by the Commissionerate of Collegiate Education of Andhra Pradesh and the U.S. State Department.

Ms. Patnaik introduced the concepts of SCM or Student-Centred Methodology and the need for learner autonomy. The differences between the traditional methods of teaching as opposed to the student-centred methods were demonstrated for the benefit of the participants. Student-centred learning puts students' interests first, acknowledging student voice as central to the learning experience. Differences in the role of the teacher in both the methods and the concepts of 'Sage on the Stage' and 'Guide on the Side' were introduced to the participants who received hands-on training in some of the methods of SCM, namely pair work, group work, task-based learning, etc.

The workshop was successful in sensitizing the faculty towards the need for adapting to the paradigm shift in education and the need to update teaching skills.



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# Two-Day workshop on 'Carbon Footprint' by the Department of Chemistry 06.02,2017 to 07.02,2017

A Two-Day Workshop was organized by the Department of Chemistry on the topic 'Carbon Footprint.' Dr. 1. Vani, Assistant Professor of Chemistry, Government Degree College, Kukatpally, was the Resource Person.

In this workshop two models were prepared on how to reduce Carbon Footprint. The workshop was helpful in driving home the point that human beings have to be aware of the damage being done to the environment. Reduction of our carbon footprint is one of the most important sustainability initiatives that we can take up.

The teachers and students received training on the strategies to reduce carbon footprint. The participants understood that they should choose the ethics of care and try and repair the damage being done to the environment.



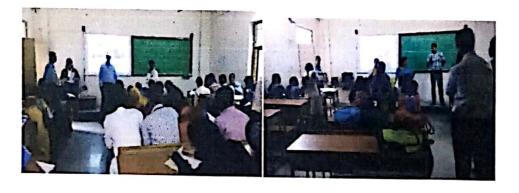


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# 5-Day Workshop on Communication and Language Skills organized by IQAC and English Department 21.09.2017 – 25.09.2017

The IQAC of Babu Jagjivan Ram Government Degree College organized a 5-Day workshop on Communication and Language Skills during 21.09.2017 – 25.09.2017 under the supervision of Dr. K. Padmavathi, Principal. A total of 67 participants attended the workshop.

During the training programme, student participants are encouraged to learn communication and language skills to crack the interviews and entrance tests. Student participants received good knowledge over communication and language skills which are quite helpful in their career building and further studies.



5-Day Workshop on Communication and Language Skills, organized by IQAC

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## Orientation Program for Teaching and Non-Teaching Staff on

### 09.06.2017

The IQAC of the college conducted an *Orientation Program*me for the Teaching and Non-Teaching staff by the Principal on 09.06.2017. The objective of the programme was to welcome the staff to another new academic year and remind them about the policies and procedures of the college.

The Principal, Dr. K. Padmavathi, addressed the staff and said that teachers should teach their students to be perceptive and discerning. The Principal suggested that teachers should understand and teach their students to understand the value of character more than position or rank. The emphasis should be towards the teaching of values rather than just imparting knowledge. Another point that was emphasized during the session was the importance of passion and belief in teaching. Only a passionate teacher will be able to unfold the gifts and potentialities of the student.



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## One Day Workshop on Moulding Careers and Future Plans by IQAC 15.12.2016

A One-Day workshop was conducted on *Molding Careers and Future Plans*, in association with Royal College of Engineering, Hyderabad Teaching Staff 37 final year students attended the workshop.

During the workshop, students were advised in planning students' future career based upon their qualifications and interest. The event was convened by Dr.Ghansyam, Associate Professor of Hindi, and supervised by the Dr. K.Padmavathi, Principal. This programme has driven the orientation of the students towards in molding their career building and future plans in a positive way.



One Day Workshop on Moulding Careers and Future Plans, organized in association with Royal College of Engineering, Hyderabad Teaching Staff

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## Two-Day Faculty Development Programme

on

### 06.04.2016 to 07,04.2016

A 2-day Faculty Development programme on the theme of 'Effective Teaching Methodology' was organized by the IQAC, from 06.04.2016 to 07.04.2016. The objective of the programme was to provide training in some of the most significant aspects of Teaching-Learning.

A successful teaching environment conflates three integral parties: an effective teacher; students who are willing, prepared and capable; and supportive staff and administration.

In the Inaugural session, the Principal, Dr. K. Padmavathi spoke on how an 'effective teacher' strives to motivate and engage all his/her students in learning rather than simply accepting that some students cannot be engaged and are destined to do poorly. She even suggested to make the subject matter understood rather than on completing the course.

The Programme was most beneficial to all the participants.



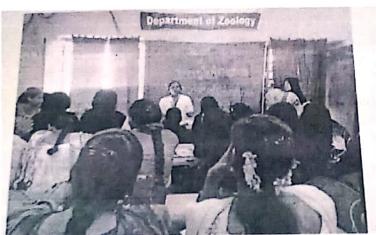


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## One Day Work Shop on Blood Composition by Department of Zoology on 10-02-2016

The Department of Zoology organized a *One-day workshop on Blood Composition* on 10.12.2016 Blood is a one of the body fluids which has four main components: Plasma, Red blood cells, White blood cells, and Platelets Plasma constitutes about 55% of the blood and remaining are blood cells Blood has many different functions, including transporting oxygen, carbon dioxide to lungs, nutrients, hormones to the tissues. So, it is necessary to maintain the blood levels to have healthy life.





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## Orientation Programme for Teaching and Non-Teaching staff

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### 20.12.2015

An *Orientation Programme* was organized by the IQAC under the guidance of the Principal, Dr. K. Padmavathi, for the benefit of the Teaching and Non-Teaching Staff, of the college with some of the most important policies and procedures of the college.

The Principal spoke about the importance of hard work and commitment. She stressed on the need for adhering to the Code of Conduct in all dealings with students, parents, and others, as well, with each other. The Principal suggested that the code of ethics of the college should act as the route-map for everyone: Principal, staff and students.



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