



**KAKATIYA GOVERNMENT COLLEGE**

**HANUMAKONDA, TELANGANA STATE – 506001**

(Affiliated to Kakatiya University, Warangal)

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## **Best Practices 1**

**Title of the Practice:** Coaching for CPGET & JAM

**Objectives of the practice:**

To provide free coaching for CPGET(Telangana State level Common Post Graduate Entrance Test) and JAM(Joint Admission Test for M.Sc in IITs / NITs to under privileged students of Government degree colleges I the State.

Enable the aspirants to secure PG seats in Prestigious Institute of Higher Learning in India Empowerment through education. To achieve larger goals of equity in higher education. To make available to the students the best content through YouTube video lectures.

**The Context:**

Kakatiya Government College is located in the district head quarters and majority of the students joining the college are first generation rural students belonging to economically and socially backward sections. They lack in resources, guidance and support. Higher Education is the only means of empowering them. In this context, the coaching programmes for PG entrance examinations of Central and State universities enable the poor and other interested students to go for higher studies in the prestigious universities.. These programmes are not only open to our college students, but also the students of other college

**The Practice:**

The facility of various departments has been conducting the coaching programme for CPGET & JAM every year for the past ten years. Since 2019, due to covid-19 constraints, these coaching programmes have been offered in ONLINE mode through ZOOM platform with the participation of the students from all over the state for a period of 40 days every year. Apart from our faculty, recourse persons are drawn from NIT, Warangal; University; Kaktiya University and different government degree college. In addition to class room / online teaching, study material is also provided to participants. Periodic and grand test are conducted.

**Evidence of success:**

There has been an overwhelming response for this programme with more than 1000 registrations from both Telangana and Andhra Pradesh.

Bagged state ranks by the students of these coaching programmes and securing maximum number of PG campus seats in various universities in the states of Telangana and Andhra Pradesh Secured PG seats in IITs, NITs and central universities.

Large number of students subscribed to the YouTube channels of the faculty of Kakatiya Governemnt college.

**Problems encountered and Resources Required:**

Coaching is Offered free of cost, even without taking any registration fee. Expenditure for purchasing of ZOOM platform is met from the contributions made by the faculty. The persons are drawn from NIT, Warangal; Osmania University; Kakatiya University and different government degree colleges all over the state for lot of efforts for coordination have been made. Expenditure related to study material and purchasing of ZOOM platform are met by the contributions from the college faculty. In case of online coaching, uninterrupted INTERNET connectivity is a major problem.

Notes:

CPGET is State level Common Post Graduate Entrance Test for admission into all PG programmes in the state universities of Telangana.

JAM is a Joint Admission Test for Admission into the Master of Technology and national Institute of Technology.

## Free Coaching for CPGET & JAM: Press Coverage

<https://telanganatoday.com/hanamkonda-free-coaching-for-jam-2022-commences>

<https://telanganatoday.com/free-online-coaching-for-cpget-begins-in-kakatiya-govt-college>

<https://telanganatoday.com/warangal-free-coaching-classes-for-cpget-m-sc-chemistry-entrance-at-kgc>

<https://teachersbadi.in/kupgct-m-sc-chemistry-entrance-test-free-coaching-kakatiya-govt-degree-college/>

<https://deccan.news/free-online-coaching-for-cpget-starts-at-kakatiya-government-college/>

The screenshot shows the YouTube channel page for 'CHEMISTRY KGC', which has 2.04K subscribers. The channel is categorized under 'HOME', 'VIDEOS', 'PLAYLISTS', 'COMMUNITY', 'CHANNELS', and 'ABOUT'. The 'Uploads' section is active, displaying a row of five video thumbnails with their respective titles and view counts:

Video Title	Views	Streamed
CPGET-2022 VALEDICTORY	378 views	Streamed 3 weeks ago
ELECTROCHEMISTRY	427 views	Streamed 4 weeks ago
Carbohydrates By Archana Garipelly, Asst. Professor of...	239 views	Streamed 4 weeks ago
d-block Elements by Dr. Kandala Satyanarayana Ass...	271 views	Streamed 4 weeks ago
AROMATIC HYDROCARBONS	280 views	Streamed 1 month ago

Youtube Channel of Chemistry Department, Kakatiya Government College, with 2.04k subscribers, videos available for PG Entrance exam <https://www.youtube.com/channel/UC92VCmzw97CFVS7vZVPQHjw>

## Best Practice 2

**Title of the practice:** Inculcating Research Culture among the students.

**Objective of the Practice:**

To bring out research potential among the students.

To encourage the students to work in group for a study project.

To promote collaborative problem-solving learning (PBL) activity

To promote inter-personal relations among the students.

To enable the aspirants secure PG seats in prestigious Institutes of Higher Learning in India.

To achieve larger goals of equity in higher education.

To make available to they students the best content through YouTube video lectures.

**The Context:**

Developing scientific temper among the students is the major objective of the Higher education. Students study projects promote scientific understanding and finding solution to the problem under investigation. Research has shown that the students are more likely to retain the knowlwdge gained through project based learning then the traditional textbook-centered learning. The students who are exposed to research practices early in their education are more likely to motivate to purse higher education and build a research oriented future career and they become useful to the society and the country.

**The Practice:**

Advanced learning are identified by the mentors and they are to choose the topic of their interest and work on it. Mentors provide personalized research guidance and they are also involved in research work of the teachers. A uniform format is prescribed for the study projects as mentioned below:

- Title of the problem / hypothesis:
- Problem Statement:
- Objective:
- Review of Literature:

- Research Methodology – which deals with study setting, sampling, study methods (examination or investigation)
- Data Collection and Analysis (obtaining primary sources and secondary source using techniques like Conclusions and Suggestions).

### **Evidence of Success:**

More the 60 percent students are actively involved in one or the other study project. The success of this approach is evidence in the selection of about 10 to 13 projects out of 18 subjects.

Every year, to the state level presentation under JIGNASA programme, an initiative of Commisionarate of Collegiate Education, Government of Telangana.

The following are the details of student's achievers at JIGNASA

T. Mahesh, B.Sc III Year has won Indian Icon-Research Scientist Award for his study project from Advanced Growth Learning, MSME.

In 2019-2020, JIGNASA – student study project in Hindi bagged state II Prize

In 2019-2020, JIGNASA – student study project in commerce bagged state II prize

In 2019-2020, JIGNASA – student study project in Mathematics bagged consolation Prize

In 2017-18, JIGNASA – student study project in commerce bagged state I prize

More number of students are motivated to pursue PG particularly in Central University, NITs and IITs.

### **Problems encountered and Resource Required:**

Limited lab facilities

Very few funded projects to the faculty

Availability of resources is also limited

More efforts are needed to motivate the students

Covid-19 pandemic has created many challenges.

<b>Research Projects</b>	<b>Links</b>
List of the Jignasa projects	<a href="https://gdcts.cgg.gov.in/OtherPages.edu?page=getButtonDetails&amp;centreId=50&amp;id=24008">https://gdcts.cgg.gov.in/OtherPages.edu?page=getButtonDetails&amp;centreId=50&amp;id=24008</a>
Average percentage of courses that include experimental learning through Project Work / Field Work / Internships during last five years	<a href="https://gdcts.cgg.gov.in/Uploads/GalleryFolders/50/Criteria%201/81627.pdf">https://gdcts.cgg.gov.in/Uploads/GalleryFolders/50/Criteria%201/81627.pdf</a>
List of the Jignasa projects and student study projects	<a href="https://gdcts.cgg.gov.in/Uploads/GalleryFolders/50/Criteria%206/81901.pdf">https://gdcts.cgg.gov.in/Uploads/GalleryFolders/50/Criteria%206/81901.pdf</a>