

Best Practice –I

Title : JIGNASA Student Research Projects

Objectives:

Teacher-centric learning has been replaced by student-centric learning. Research indicates that students are more likely to retain the knowledge gained through project-based learning than through traditional textbook-centered learning.

- To invigorate the learning environment in government degree colleges, the Commissionerate of Collegiate Education has initiated Jignasa-Student Study Projects in all government degree colleges.
- To motivate and encourage the students and ensure that they participate and work as a group on a study project. Each group shall comprise 5 to 6 students; a group with fewer than 5 members shall be treated as disqualified. Each student will be assigned only one project in a specific subject.

The context:

The teaching faculty shall be informed to encourage active participation from students, identify a challenging topic, mentor, and supervise the progress of the study project till completion. As each research project is unique and each discipline has its own requirements and limitations, the faculty members shall guide the students to strictly adhere to the prescribed format to document the research work.

- It has been the endeavor of the College to encourage students to participate and present papers at various Students' Seminars, Classroom Seminar and student Projects. These are part of the process to not only make them participate in academic activity that goes beyond classroom teaching but also to instill in them confidence and make them comfortable at public speaking. It is with this in view that various Departments organize such seminars. Faculty are also actively encouraged to participate in state, national and international seminars, conferences and workshops in India and abroad.
- Seminars and projects aim to make students aware of new areas of research, provide them with knowledge of the work of noted academicians, understanding of scientific phenomena with a view to understand current trends.

Practice:

In an effort to self-learn, the students are encouraged to prepare slides and PowerPoint presentations as part of JIGNASA study projects. This makes the learners get involved in the research culture. The study project must include key components in the research proposal, like: a description of the research problem. An argument as to why the problem is important. A review of literature relevant to the research problem. A description of the proposed research methodology. A description of how the research findings will be used and disseminated.

Faculty actively guide students to present and write seminar papers on topics in the syllabi and even beyond it. They help students on the form, content, style and presentation too. Students have access to online resources and books in the library and seminar library to prepare their seminar papers. Students are encouraged to make power presentations. Some departments bring out proceedings of the Students Seminars. Students are asked to use Publisher to design posters for presentations in National and State level seminars. Data collection, questionnaire preparation and market survey in related areas of research are taught to students. A uniform format was incorporated for the study projects, as mentioned below:

- Title
- Need for the study
- Statement of the problem or hypothesis
- Aims and Objectives
- Review of Literature
- Research Methodology
- Analysis of the study
- Suggestions
- Conclusion
- References

Evidence of Success:

- Various Departments have organized annual students' seminars where students presented papers on themes/topics that they decide on.
- It is also the practice to have Classroom seminars.
- The new CBCS has presentations as part of the internal evaluation system.
- Students are trained to on a regular basis to prepare questionnaires, undertake data collection, data analysis and data presentation using the various computer skills.

GIRRAJ GOVT. COLLEGE (A), NIZAMABAD

JIGNASA STUDENT STUDY PROJECTS-2022-23


**JIGNASA 2021 -Student Study Projects – Selected list for State Level
Presentation**


S.NO	Name of the supervisor	Department	Names of students
01	M. Dastappa	English	B. Sanjana
			B. Sudeepthi
			D. Surya kiran
			D. Rishitha
			S. Meenakshi
			B. Prathap singh
02	A. Babu Rao	Hindi	Shaik Gouse
			B. Maneesha
			Nikitha Maheshwari
			Meghana Bansal
			Mamatha
			C. Roshini
03	Tabassum Shaheen	Economics	Sumera Begum
			Sumayya Jabeen
			Afrin
			Nahid
			Nasreen Firadouse
			CH. Sreeya
			I. Sravani


04	K. Gangadhar	Mathematics	P. Vennela
			CH. Sailahari
			M. Ashrutha
			K. Rachana
05	P. Vivekanand	Computer science	M. Niharika
			S. Mounika
			M. Amulya
			D. Soham prakash
			B. Ravikiran
			B. Nithish singh

STATE LEVEL PRIZE WINNERS

S.NO	Name of the supervisor	Department	Title of the Project	Names of students	State level Prize
01	M.Dastappa	English	Vocabulary in Public Places: A Case Study of Public Places in Nizamabad	B. Sanjana	First Rs.30,000
				B. Sudeepthi	
				D. Surya kiran	
				D. Rishitha	
				S. Meenakshi	
				B. Prathap singh	
02	P.Vivekanand	Computer science	G-TUTOR 2.0	M. Niharika	First Rs.30,000
				S. Mounika	
				M. Amulya	
				D. Soham prakash	
				B. Ravikiran	
				B. Nithish singh	

 CCE, TS

 JIGNASA

 RUSA

JIGNASA 2022-23 STUDENT STUDY PROJECTS

1st Prize English

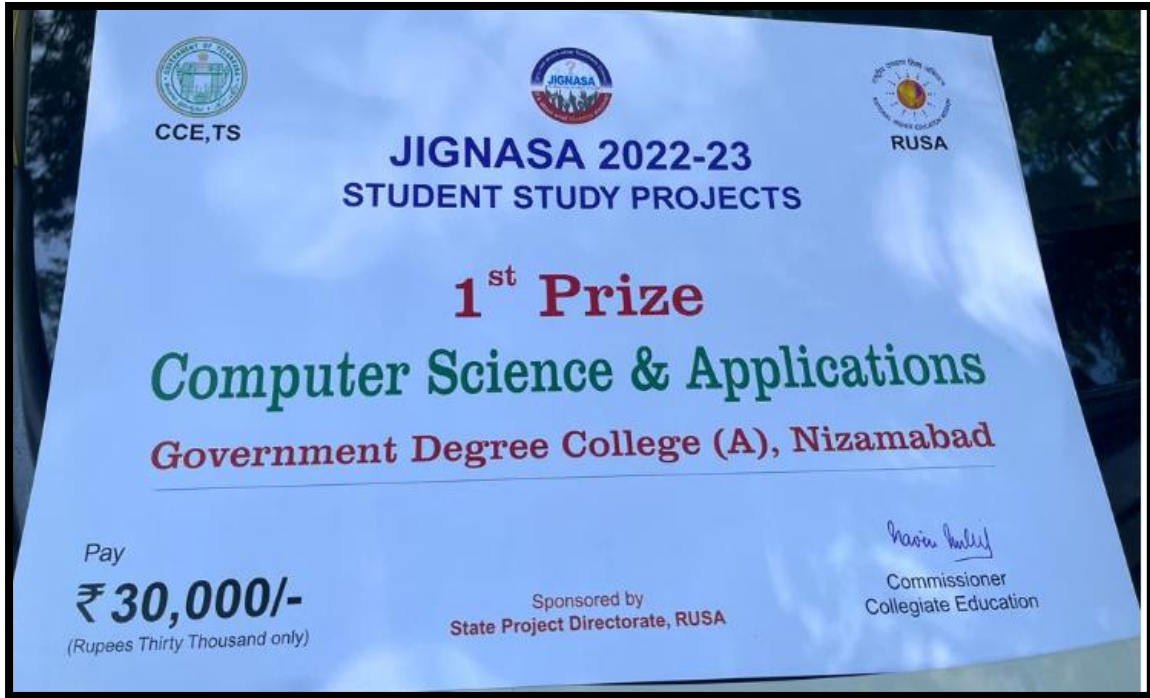
Government Degree College (A), Nizamabad

Pay
₹ 30,000/-
(Rupees Thirty Thousand only)

Sponsored by
State Project Directorate, RUSA

Neeraj Kulkarni
Commissioner
Collegiate Education





Best Practice 2

Title: Research Methodology in Social sciences

Objective

To motivate the under graduate students to take up research project and to enhance research potential of the students especially in Social sciences and Humanities.

The Context

The Girraj Govt College as part of syllabus revision introduced Dissertation. There is a need to use this provision towards student development. Students need to be encouraged to take up current economic problems which will help them to go beyond the curriculum and prescribed syllabus. The need is to optimize student research potential with the use of information technology.

The Practice

In consultation with the faculty members and UG students, the Department of Economics organizes intercollegiate seminars and workshops. The experts in the field of Research methodology are invited to coordinate the workshop. UG students and teachers from neighboring colleges effectively participated in the seminars and workshops. This enabled the students to interact freely with the experts in the field of research. A one day District Level Workshop on “Research Methodology in Social sciences” was conducted on 18th May , 2022 in Girraj Government College, Nizamabad, organized by Department of Economics.

In this workshop, awareness and orientation was provided in the following aspects:

- Basics about research in Social sciences
- Define research problem, develop an approach to the research problem and select a suitable research design and the importance of Review of literature for a research work.
- Building a conceptual framework, formulation and testing of hypothesis based on the nature of research.
- Methods of Data analysis and data interpretation using appropriate statistical software’s.
- Report writing, writing research proposals, summary, findings and recommendations.
- Latest trends in social science research discipline.

Evidence of Success

- Positive interaction among 250 students who participated in this Workshop.

- Delegates were oriented about the relevance of Interdisciplinary research.
- The students and the staff in particular and the college in general have learnt a lot from the management of the Research Work Shop. We are enriched in terms of widening the frontiers of the domains of our knowledge about Research Methodology in Social sciences. The importance of research methodology has convinced policy makers to make this course work mandatory for B.A. students.
- A feedback session was organized where all the participants gave their feedback about the workshop attended by them. They appreciated the synergy of the knowledge, interaction with the scholars, and experts in the field of Research Work.

పరిశోధనలో పట్టు సాధించాలి

నిజామాబాద్ విద్యావిభాగం, న్యూస్టుడే: విద్యార్థులు భవిష్యత్తులో రాజీందాలంటే పరిశోధనలో పట్టు సాధించాలని గిరిరాజ్ ప్రభుత్వ కళాశాల ప్రిన్సిపల్ రామ్మోహన్ రెడ్డి అన్నారు. అర్థశాస్త్ర విభాగం ఆధ్వర్యంలో రీసెర్చ్ మెథడాలజీ ప్రాజెక్టు వర్క్ షాప్ బుధ

వారం కార్యశాల నిర్వహించారు. తెలివి సహా చార్యులు అంజనేయులు, సహాచార్యులు రవీందర్ రెడ్డి, అర్థశాస్త్ర విభాగాధిపతి వేణుప్రసాద్, వైస్ చాన్సలర్ అబ్దుల్ రఫీక్, ఐక్యూఏసీ సమన్వయకర్త ఆదెప్పు, ముత్యం రెడ్డి, శ్రీరాం, సత్య వరప్రసాద్, భరత్ రాజ్ పాల్గొన్నారు.

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పరిశోధనలపై పట్టు సాధించాలి

సుభాష్ నగర్: విద్యార్థులు తమ చుట్టూ ఉన్న పరిసరాలను ప్రాజెక్టు వర్క్ గా తీసుకొని పరిశోధన చేస్తే ప్రత్యక్ష అనుభవం కలిగి పరిశోధనలపై పట్టు సాధించొచ్చని టీయూ అసోసియేట్ ప్రొఫెసర్ సీహెచ్ అంజనేయులు తెలిపారు. బుధవారం నగరంలోని గిరిరాజ్ ప్రభుత్వ కళాశాలలో అర్థశాస్త్ర విభాగం ఆధ్వర్యంలో రీసెర్చ్ మెథడాలజీ ఇన్ సోషల్ సైన్సెస్ అనే అంశంపై సమావేశం నిర్వహించారు. అసోసియేట్ ప్రొఫెసర్ రవీందర్ రెడ్డి మాట్లాడుతూ జాతీయస్థాయిలో అమలవుతున్న మహాత్మాగాంధీ ఉపాధిహామీ పథకం వల్ల మహిళల ఆర్థిక సాధికారత గురించి వివరించారు. అనంతరం విద్యార్థులకు ధ్రువపత్రాలు అందజేశారు.



మాట్లాడుతున్న అసోసియేట్ ప్రొఫెసర్

కార్యక్రమంలో కార్యశాల కన్వీనర్ వేణుప్రసాద్, వైస్ చాన్సలర్ అబ్దుల్ రఫీక్, హెచ్ఎంఓలు తదితరులు పాల్గొన్నారు.

Best Practice - 3

Title : Faculty Development Programme on ADVANCED RESEARCH METHODOLOGY

Objective:

To motivate faculty members to take up research projects enhancing their research potential and help to undertake independent research in a planned manner.

Context:

The online refresher course is an effort towards exploring different dimensions and paradigms of research. It would motivate faculty members to take up research projects enhancing their research potential and help them undertake independent research in a planned manner, identify appropriate and significant literature reviews, design questionnaires, collect and analyse data, and perform simulations and to assist them in writing research papers for good-quality journals.

Practice:

The institution has conducted an Online Two-Week Interdisciplinary Refresher Course on 'Advanced Research Methodology' in collaboration with TEACHING LEARNING CENTRE Ramanujan College under ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from 23 January–6 February 2023.

The modules in the Refresher course aimed to provide the primary tools that would aid a researcher in a systematic background knowledge probe, data visualisation, and effective presentation of results, writing research papers, preparation of reports and theses, and prevention of plagiarism. The course also aims to train the participants in different software applications and facilitate the application of this software in their teaching and learning, methods and research endeavours. Other areas covered in the FDP were:

- Research Philosophy, Research Design and Types
- Data collection and data visualisation
- Analysis of Data and Techniques
- Systematic Literature Review and Meta Data Analysis
- Introduction to Different Qualitative Research Methods
- Developing an understanding of qualitative and Quantitative Data Analysis
- Writing research reports and research papers using LaTeX
- Advanced Searching Tools and Referencing Tools
- Scientific Journal Finder
- Indexing and Impact Factors
- Publication Ethics: Patent, Copyright, and Plagiarism

Evidence of success:

After this Online Faculty Development Programme, the participating faculty members and research scholars, irrespective of their disciplines, became aware of quantitative, qualitative, and

mixed methodologies in research and publication ethics. They became proficient in emerging trends in research methodology and design their prospects. Among the many desired outcomes of this online faculty development programme was the collaboration between faculty members and researchers from various disciplines across the nation.

Nearly 150 faculty from the institution, 100 faculty members from other Telangana degree colleges and 706 faculty members from colleges all over India participated in this faculty development programme organised by TLC Ramanujan College, New Delhi, and Girrraj Government College (A) Nizamabad.

After the FDP the faculty were able to :

- Gain a better understanding of how to identify a research problem, and design a valid research project to answer specific research questions.
- Get hands-on training in the usage of several open-source tools that can assist them in their research endeavours.
- Write effective research papers and theses in the journal designated formats using online tools
- Know the process of finding good-quality journals for research and publishing

The screenshot shows a web browser window with the URL rcmoocs.in/events/?page=14. The page features a header with the text "ONGOING/PAST PROGRAMMES" and "Conduct by TLC Ramanujan". Below the header is a table with the following data:

S.NO	COURSE NAME	COURSE TYPE	COURSE DURATION	NO. OF PARTICIPANTS	BROCHURE
1	Mathematical Sciences	Online Two-week Refresher Course	Jan. 28, 2023 - Feb. 11, 2023	213	Click Here
2	Advanced Research Methodology	Online Two-week Refresher Course	Jan. 23, 2023 - Feb. 6, 2023	706	Click Here
3	Intellectual Property Rights	Online One-week Faculty Development Programme	Jan. 23, 2023 - Jan. 29, 2023	113	Click Here
4	Online Induction Training/ Orientation Programme for Faculty in Universities/ Colleges/ Institutions of Higher Education	FIP	Jan. 20, 2023 - Feb. 18, 2023	535	Click Here
5	ICT Tools for Teaching and Learning	Online One-week Faculty Development Programme	Jan. 16, 2023 - Jan. 22, 2023	126	Click Here

Best Practice - 4

Title : **Entrepreneurship through EDC**

Objective :

The EDC aims to provide guidance to aspiring young business leaders to pursue their business ownership dream at undergraduate levels.

- To train college students to have the appropriate business insight and entrepreneurial skills.
- To cultivate the entrepreneurial skills and values among college students, in order to develop knowledge and enterprising graduates.
- To nurture the development of quality entrepreneurs who will be capable of competing in the local and global business industries

The Context:

To supplement the efforts in skill-based education the College has established a Cell for Innovation, Incubation and Entrepreneurship' (GGCCE) to encourage enquiry, sustain inquisitiveness, promote innovation, and nurture entrepreneurial skills among the students. Considering that the students at College are pursuing conventional degree course in Arts and Science faculties, the establishment of the Cell is a milestone in the Institution's quest for excellence in teaching in training. The GGCCE undertakes planning, coordination and implementation of various programs to meet the objectives of sensitizing students and encouraging entrepreneurial spirit amongst them.

The practice:

The College Entrepreneurship Cell conducts activities to sensitize and encourage the entrepreneurial spirit among the students of Arts and Science faculties. In its initial phase the students will be made more open to think as entrepreneurs and become future employers rather than employment seekers. This can be considered a paradigm shift for the students of the College who are conventionally trained only to completing their academic programs to earn a degree.

Evidence of Success: The College conducted following activities to sensitize and encourage entrepreneurship spirit amongst its students; Orientation programs for ideation and conceptualization of business plans, Workshops to train students in making business plans and pitching them

- One to one mentorship sessions with domain experts
- Entrepreneurship based competitions and showcasing platforms for students
- Expert talks are conducted through Entrepreneurship Development Cell.

Best Practice – 5

Title: Implementation of National Education Policy 2020

Context:

The new National Education Policy - 2020 (NEP-2020) was notified by the Government of India in July 2020, 34 years after the last NEP was notified in 1986. The NEP-2020 provides for a comprehensive, sustainable and reformative roadmap for a paradigm shift in the entire education system in the country, and is culturally grounded, is geared toward quality transformation, and is internationally competitive. In so far as higher education is concerned, besides proposing for foundational principles for educational change in relation to Indian traditional knowledge, culture and values, the NEP-2020 proposes reforms in all areas of higher education, including its structure, curriculum and pedagogy, teaching-learning strategies, learning resources and technology-enabled learning, vocational education and skilling and employability, 21st century learning and social and life skills, optimal learning environment and learner support, formative and summative assessment, internationalization, research and scholarship, governance and leadership, and regulation and accreditation. There is now a need that all the college and university teachers in the country get exposed to the nuances and implementation strategies of the National Education Policy- 2020 (NEP-2020) so that their implementation in institutional contexts becomes smooth, effective, and sustainable.

Objective:

NEP-PDP is a 36-hour training programme, recognized by UGC as equivalent to 6-day short-term professional development programme of UGC-HRDC which can be successfully completed in within 6-9 days duration. Hence, all the faculty members of the institution can be trained about NEP-2020 through this PDP programme.

Practice:

The institution in collaboration with Indira Gandhi National Open University conducted a week long Professional Development Programme (PDP) under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Ministry of Education, Government of India approved by University Grants Commission.

The Professional Development Programme on Implementation of National Education Policy offered by IGNOU under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Ministry of Education, Government of India and approved UGC. This is a set of 36 hours of training (equivalent to a 6-Day short term professional development programme of UGC-HRDC). The total time duration was of 12 days.

This Professional Development Programme (NEP-PDP) on implementation of National Education Policy 2020 is offered by IGNOU, and approved by the University Grants Commission (UGC) as equivalent to UGC-HRDC Programmes.

Evidence of Success:

Nearly 120 faculty members attended the week long PDP on NEP – 2020. After going through the total of 36 hours of training (comprising of 6 days of inputs, equivalent to a 6-Day short-term professional development programme of UGC-HRDC), the participating faculty became well-equipped with knowledge about various dimensions of NEP-2020. More specifically, they were able to:

- Describe the foundational principles of NEP-2020, structural arrangements, GER, access, equity, inclusion, and 21st century learning in higher education, and plan for their further growth and development.
- Analyze and reflect upon Bharatiya Gyan Parampara, culture and values, holistic and multidisciplinary education, curriculum and pedagogy, multiple entry-exit, skilling and employability, optimal learning environment and learner support, academic bank of credits, innovative formative and summative assessment, and formulate plan of action in these areas.
- Analyze various components of online and digital education /technology-enabled learning/ blended learning, OERs, MOOCs and flipped classrooms, and visualize effective implementation of flipped and blended learning in teaching-learning, learner support, and learner management/ analytics.
- Describe the status and possibilities of cross-border delivery, internationalization of curriculum; and underline the importance of quality academic research, and regulation and quality assurance in developing an academic culture of evidence-based teaching-learning
- Articulate and reflect upon the changing role of faculty and academic leadership and governance in grounding the NEP into implementation reality, and strategize its effective and appropriate implementation.