

B V RAJU COLLEGE, VISHNUPUR, BHIMAVARAM

RESEARCH AND DEVELOPMENT

R&D cell which aims to nurture research culture in the college by promoting research in newly emerging and challenging frontier areas of science and humanities.

It encourages the students and faculty to undertake the research in newly emerging frontiers areas including multidisciplinary fields. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competitions etc.

OBJECTIVES:

- To create awareness and opportunities in research and development among the faculty and students to create research and development atmosphere in every department
- To create atmosphere among the staff members to take up research projects and improve their knowledge, skills and qualifications by registering Ph.D's.
- To motivate the faculty members of the group for R&D activities in the area of their specializations.
- To encourage staff members and students to publish technical papers for publishing in national and international conferences / journals.
- To understand research activities and development projects offers by agencies such as DRDO, RCI, DST, AICIE, UGC etc.
- To facilitate the growth of research activity among the academic community.
- To coordinate faculty level workshops and staff development activities on research related issues.

In order to promote research and development activities, the institute extends its full support to students/faculty/staff. Full/partial financial support is given to all innovative research and development works taken by the students, faculty and staff members. The college encourages students and faculty to participate in national/international conferences, training programs.

The institute has a research and development committee to facilitate and monitor research activities. The faculty as well as students is actively engaged in reactivity and other research projects.

RESEARCHERS IN OUR COLLEGE:

In our college, in the last five years (2016-21), Three faculty members Dr.I.R.Krishnam Raju(MCA department), Dr. K.B.V.Brhama Rao (MCA Department) and Dr. G.Pavan Kumar Raju(department of sports and games) have been awarded Ph.Ds.

Three faculty members Mr.M.E.A.V.V.Rambabu, department of Life Sciences, Mr.B.Kiran, Department of Physics and Electronics, V.N.V.Radha Krishna Murty, Department of Physics and Electronics have registered for Ph.Ds in various Universities.

SOME PAPERS PUBLISHED BY OUR FACULTY MEMBERS FOR REFERENCE:

1. Dr.I.R.Krishanm Raju: Title of the Paper : EVALUTION OF VARIOUS DR TECHNIQUES IN PATIENT DATASETS USING HDFS

Link:

<https://drive.google.com/file/d/1MQfdIScvAcZhG0kzCvvPQlQCUaOUbOyG/view?usp=sharing>

2. Dr. K.B.V.Brahma Rao: Title of the Paper: DIMENSIONALITY AND KNOWLEDGE REDUCTION IN MASSIVE PATIENT DATASETS USING ICA AND HDFS

Link:

<https://drive.google.com/file/d/18sGQwxHVpuOWCtMunsgkvb4b1rr0FQ6u/view?usp=sharing>

3. Dr. N.Prudhvi Raju: Title of the Paper: DOMINO PRINS CYCLISATION FOR STEREOSELECTIVE SYNTHESIS OF OXYGEN BRIDGED BICYCLIC THIOETHERS USING AMBERKYST-15

Link:

<https://drive.google.com/file/d/1-b4EXXzvEJzcf6og4KKkl56O1m2mInR/view?usp=sharing>

4. K.K.J.Chakravarthi: Title of the Paper: FEASIBLE SOLUTIONS AND ROLE OF NANOMATERIALS IN COMBATING THE COVID-19 PANDEMIC: A PRELIMINARY STUDY

Link:

<https://drive.google.com/file/d/1okgkqFYkvoCAT0ZGI6m8aABsPMRDILmt/view?usp=sharing>