



Bhoj Reddy Engineering College for Women

Vinaynagar, I S Sadan X Roads, Saidabad, Hyderabad - 500 059, Telangana



RESEARCH AND DEVELOPMENT (R&D) POLICY

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Hyderabad Accredited by NAAC
Saidabad, Hyderabad – 500 059



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Introduction

The Research & Development cell integrates all the departments to facilitate the academic, sponsored-research, projects and consultancy services. The cell extends its full support to students/ staff/alumni/other-stakeholders through its facilities i.e., research labs/centers, COE innovation and incubation centers to present/publish papers in the conferences/journals of national/international repute which contributes towards academic transformation, professional and career advancement. The cell associates & sponsors various innovative research & development activities such as workshops, symposiums, seminars, conferences, research publications, projects, innovations, patents and IPR in diverse fields. The R&D activities also include skill cum technology up-gradation programs, start-ups, entrepreneurship and participation in various national/international technical competitions. The cell extends its support to start-up of new ventures in association with innovation incubation entrepreneurship cell (IIEC).

The cell strive towards perfection and high-quality scientific research to take-up active research and contribute towards publications, patents, prototypes and filing of IPR and to build research culture, to tap global potential, support to strengthen the knowledge foundation and promote the creation of new R&D applications in multi-disciplinary areas by using social innovation and rural/indigenous technology in support of Make in India and Digital India slogan of PMO and country. As a part of UBA, IIIC activities the cell adopts social outreach programs in support of education, research & innovation to households/children/adults/adolescence in rural villages & hamlets. To achieve the high quality research ambience, the R&D cell enables the staff/students to pursue research and participate in consultancy works. Every individual involved in R&D activities should follow R&D policy states that the rules & regulations pertinent to research are.

Vision

To facilitate innovative and multi-disciplinary research in collaboration with industry to meet global needs by involving the all stakeholders.

Mission:

Develop an eco-system for R&D activities through effective contributions of the staff and students to actuate industry relevant innovative projects, prepare the research proposals, apply for funding agencies, publish papers, patents that leads to entrepreneurship and startups

Objectives

1. Create zeal in staff/students to take-up multidisciplinary innovative research and publish papers in conferences/journals of national/international repute.
2. Strengthen the R&D center and get recognition from SIRO/DST/University/DRDO.
3. Link MOUs with industries, collaborate with institutions of higher learning and R&D organizations.
4. Foster scientific temper, ensure R&D quality and ethical efficacy.
5. Create centers of excellence in niche/thrust/emerging areas of research.
6. Recommend financial assistance for various R&D activities.
7. Identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations.
8. Encourage students to undertake innovative projects and publish them in reputed journals.
9. Provide scope for staff/students to work on the latest technologies with industry.
10. Take-up testing/consultancy services in coordination with alumni, industry and stakeholders.

Promotion of Research

The staff/students have free-access to R&D cell and choose the topic of their interest and also can provide free guidance to seek funds from various government organizations/industries. The institute encourages the faculty, provide incentives for peer reviewed publications, consultancy works, writing books and filing patents. The institute takes care of complete patent filing process as per national/international IPR guidelines & policies to commercialize a product/prototype/ design/service. The R&D cell provides necessary eco-system/conducive-environment with infrastructure/expert support to staff/students to take-up R&D, consultancy, innovation and intellectual capital. Staff is responsible to apply for various R&D agencies through individual/institutional login and pursue their R&D projects. However, the institute is always ready to provide seed-capital and ample support for all potential research projects which can generate revenue after commercialization of product/services.

Research at UG Level

To enhance quality research outcome, mentorship/internship shall be facilitated to encourage UG/PG students to pursue research activities leading to tangible outcomes, such as publication, process, novel, prototype, design and functionality changes. Research component is already embedded in the curriculum at all levels/years of their academic/professional stay/association at the institute being a society member in various clubs/committees/cells/chapters/associations and also as a student member. The staff members of the institute shall provide suitable professional/ expert guidance in all spheres of student R&D activities.

The UG students are encouraged to take up a module/content in the ongoing research projects funded by government agencies/industries with the support of investigators. Those students who are the part of funded projects should transfer know-how to other UG students for further research.

Policy for Research and Consultancy Projects

The institute follows a unique incentive scheme to reward the faculty for the R&D and consultancy project works carried out in the respective year. This scheme is introduced by the management to impart research culture and to motivate faculty to identify new innovations. The incentive scheme is as per the table below.

S. No	Category	Name	Percentage of Sharing
1	Funded Research Projects from Govt organizations, R&D Organizations, Industry, University etc	Principal investigator	2% of the received fund only upon submission of UC
		All Co-investigators	1% of the received fund shared only upon submission of UC
2	Consultancy/Testing Services	Individual/Team	60:40 (institution : individual/team)
3	Patent Commercialization	Author(s)	50:50 (institution : author(s))

Incentives for Publishing Papers

As a part of the continual quality improvement policy, the institute encourages publication of papers in various conferences and journals by the staff members and can claim incentives. Staff members presenting their research papers in regional/national/international-seminars/conferences/ workshops will be provided by OD leave and reimbursed by the registration fee & travel expenses as per the rules in force and may vary time to time. Faculty research publications in reputed national/international journals/conferences will be reimbursed, awarded and rewarded as per the table given below.

The Reimbursement

Category	Description	Reimbursement (Rs.)
A	Transactions of IEEE/ASME/ASCE/ ACM/SCI, Journals with SJR/SNIP > 0.5 and of similar standard	25,000/-
B	WoS/ESCI/Scopus Indexed Journals with existence of more than 2yrs, prior to the date of publication.	20,000/-
C	Journals approved by UGC and any Journal existing for than 5 years with ISSN	5,000/-
D	International/National Conference publication with ISBN Proceedings	5,000/-

Note:

1. The publication charges should be paid in the name of Journal/Publisher and receipt to be generated in the name of Author, who is applying for Reimbursement.
2. All the reimbursements will be the original Fee paid, with a limitation of amount as mentioned in the table.
3. Neither Reimbursement, nor Reward will be given to paper published in list of discontinued Journals of Scopus/Cloned Journals list of UGC.
4. Papers published in list of Journals banned by BRECW (as annexure from time to time) are also not eligible for Reimbursement and Reward.
5. For papers publishing in journal through conference, the faculty can apply for reimbursement either in journal category (A/B/C) or in Conference category (D) and not in both.
6. The original registration fee will be reimbursed to the author publishing in Scopus Indexed & above journals through BRECW Conferences. However, no reward is permissible.

Award

For papers published in category A and B Journals, wherein no registration fee/Reimbursement is claimed, the first existing author of BRECW out of n number of authors is entitled for Award. The award categories are:

Category	Description	Award (Rs.)
1	Papers published through direct to following Journal: • IEEE/ACM Transactions • Journals by Elsevier/Springer Publication, existing for last 3 Yrs • Journals by IET Publication, existing for last 3 Yrs • All Q1 and Q2 listed Journals	10,000/- 8,000/- + Min. 2,000/- Reward as per clause 3
2	• Any Paper published in Journal through Conference route • All Q3 and Q4 listed Journals	5,000/- 3,000/- + M'In. 2,000/- Reward as per clause 3

Note: Award categorization will be at discretion of R &D Comitee of BRECW. No award is applicable for C category journals.

Reward:

Category	Description	Reward
1	Out of n no. of authors, if 2 or more authors are from different institutes of CMRGI.	Average of Scopus h-index of CMRGI authors X Rs. 1000/-
2	Out of n no. of authors, if 2 or more authors are from same institute of CMRGI.	Average of Scopus h-index of CMRGI authors X Rs. 750/-
3	Out of n no. of authors, only one author is from institutes of CMRGI.	Average of Scopus h-index of CMRGI authors X Rs. 500/-

NOTE:

1. The above reward is applicable for the papers published in Scopus/ WoS/ESCI/SCI Indexed & above Journals, wherein the reward is given ONLY to first existing author of BRECW (irrespective of author position in list of authors), from 'n' no. of authors.
2. In any case of reward category, if the average Scopus h-index is ≥ 2 , the first existing author in the list of authors of BRECW will be rewarded Rs 2000/- for the papers published in Scopus/WoS/ESCI/SCI Indexed & above Journals.
3. For C-Category Journals, reward of Rs. 10000/- will be given only to first existing author of BRECW (irrespective of author position in list of authors) from 'n' number of authors.
4. The Maximum Reward for any case will not exceed Rs.15000/-
5. The Reward will be issued only after successful reflection of the article in Scopus database of respective institutes of BRECW.
6. Publications wherein students are co-authors the faculty is entitled for only reward.

Patents and Book Chapters

1. The fee for patent filling will be borne by institute; provided "Institute" is, the applicant and Inventors (with institute address) belong to the institute.
2. For the Patents filed & published filed & published individually (wherein institute does not bear any filling charges) and applicant not being Institute, reward of Rs.5000/- will be given to the first Inventor with institute address.
3. Authors of Books/Book Chapters indexed in Scopus or Published by International Publisher will be rewarded Rs. 1500/- for one or more Book Chapter and Rs. 5000/- for Complete book, provided the affiliation should be institute name. This reward is only for Authors, not Editors.
4. Permission to attend Conference will be given based on exigencies of work and only once in a Semester.
5. Once the paper is published, before applying for reimbursement, the faculty has to submit soft copy of publication in the Department/Central Library.
6. All Papers (to Journals or Conferences) are to be submitted after proper plagiarism check and language check through proper channel, HOD/Dean (R&D)/Principal or Director.
7. Affiliation of College name should be properly mentioned and even the institute to be acknowledged wherever possible.
8. In a scenario where the author has more than one affiliation, the author should