



A/c Dy No. 484  
Date: 29/06/17

UNIVERSITY GRANTS COMMISSIONS -SOUTH EASTERN REGIONAL OFFICE  
5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD -500 001  
Phones: 040 - 23204735, 23200208 FAX: 040 - 23204734, Website: [www.ugc.ac.in](http://www.ugc.ac.in), email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

No.F MRP-6573/16 (SERO/UGC)

Link No:6573.

June,2017

The Accounts Officer  
UGC-SERO, Hyderabad

Comcode: TNBA004  
UniqueID:KASC123

30 JUN 2017

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2017-2018.  
Sir / Madam,

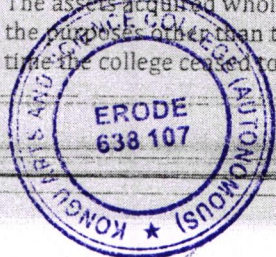
The has reference to the Minor Research Project proposal submitted by KRISHNAVENI V Department of Computer Science of "Kongu Arts and Science College" NANJANAPURAM, ERODE entitled "A PREDICTION MODEL FOR GYNAECOLOGICAL DISORDERS BY USING ENHANCED BIO INSPIRED HARMONY SEARCH BASED WRAPPER APPROACH". The subject expert, who evaluated the proposal, has recommended for financial assistance as detailed below.

Sl. No	Item	Amount Allocated (Rs.)	Amount Sanctioned as first installment (Rs.)
1.	Books & Journals	50000.	50000.
2.	Equipment	27000.	27000.
	Total	77000.	77000.
3.	Field work & Travel	50000.	25000.
4.	Chemical & Glass Ware	0 0	0 0
5.	Contingency (incl. Special Needs)	50000.	25000.
6.	Hiring Services	0 0	0 0
	Total	100000.	50000.
	Grand Total	177000.	127000.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.127000. to the principal, Kongu Arts and Science College, NANJANAPURAM, ERODE as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

Amount Sanctioned	Head of Accounts	Category
Rs. 77000.	35-CAP-MRP(50)-3(A)2202.03.102.02.01	GEN
Rs. 50000.	31-GIA-MRP(50)-3(A)2202.03.102.02.01	GEN

2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The sanctioned amount is debitible to the Head of Accounts 35-CAP-MRP(50)-3(A)2202.03.102.02.01 (General), 31-GIA-MRP(50)-3(A)2202.03.102.02.01 (General) and is valid for payment during the financial year 2017-18 only and the amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) UGC-SERO, Hyd. on the Grants-In Aid Bill and shall be disbursed to and credited to "The Principal, Kongu Arts and Science College, NANJANAPURAM, ERODE by Electronic Mode through PFMS Portal at the following details: (a) Name & Address of Account Holder: The Principal, Kongu Arts and Science College, NANJANAPURAM, ERODE (b) Account No: 1217155000009096 (c) Name & Address of Bank Branch: KVB METTUKADAI, (d) IFSC Code: KVBL0001217.
4. In case the Principal investigator is having ongoing Major/Minor Research Project OR has been transferred/left/retired from the college, the released amount of Rs.127000./- may be returned to UGC-SERO, Hyderabad immediately, failing which action will be initiated against the College for not adhering with the norms of UGC for the scheme.
5. The grantee institution shall ensure the utilization of grants -in-aid for which it is being sanctioned/paid. in case of non-utilization /part utilization, interest @ 10% per annum as amended from time to time on utilized amount from the date of drawl to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.
6. The assets acquired wholly or substantially out of UGC's grants shall not be disposed or encumbered or utilized for the purposes other than those for which the grant was given, without proper sanction of the UGC and should, at any time the college ceased to function, such assets shall revert to the UGC.



Dr. N. RAMAN  
PRINCIPAL,  
KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)



**OUTCOME OF RESEARCH PROJECT  
- CONTRIBUTION TO SOCIETY**

# A PREDICTION MODEL FOR GYNECOLOGICAL DISORDERS BY USING ENHANCED BIO INSPIRED HARMONY SEARCH BASED WRAPPER APPROACH

*Dr. V. Krishnaveni*

*Associate Professor, Department of Computer Science,  
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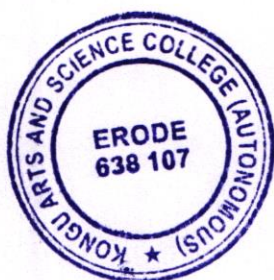
*(UGC MRP Funded Project Ref No: F MRP-6573/16 (SERO/UGC) dated 30, June-2017)*


## OUTCOME OF THE RESEARCH PROJECT - CONTRIBUTION TO THE SOCIETY

Even though PCOS has been identified as the most common endocrinal disease , the Principal Investigator observed that there are a very limited number of researches initiated towards building a classification model for the early diagnosis of PCOS and the level of risks associated with the symptoms and other parameters obtained from the patients, especially from the young and adolescent women. It was also observed that an efficient **Screeener/Predictor for PCOS** is the need of the hour as PCOS is found to become prevalent in the young women in our country. Hence, the major outcomes of the study are **PCOS Screeener** and **PCOS predictor**.

- The use of Screeener of this kind in the clinics would be very helpful to physicians in making a diagnosis of probable PCOS and to treat the patient accordingly. Using the screening diagnostic Tool for probable PCOS would help the physicians be more aware of patients who have PCOS, possibly decrease the cost of ordering various lab studies that may not be needed, and most of all, start early intervention to decrease PCOS related comorbidities. An early and accurate diagnosis of PCOS would allow health care professionals the ability to educate the patient early on preventive measures and lifestyle changes that would benefit them.
- The **PCOS predictor** enables the doctors to predict whether a patient has Polycystic Ovarian Syndrome or not based on the symptoms provided and/or can foresee if the particular patient is susceptible to the syndrome, thus, help in curbing PCOS by seeking medical help and switching to a healthier lifestyle.

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