

## Criterion 3 – Research Innovations and Extension

### Key Indicator – 3.1 Resource Mobilization for Research


3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

NOTE: The supporting documents for this metric exceed the upload limit of 5MB. Hence the documents are made available in HEI website and links for the metric is given below.

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METRIC	PARAMETER	LINK TO RELEVANT DOCUMENTS
3.1.1	Grants received from Government and nongovernmental agencies for research projects/ endowments in the institution during the last five years	<a href="#">VIEW DOCUMENTS</a>



  
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VILLUPURAM-605 601.



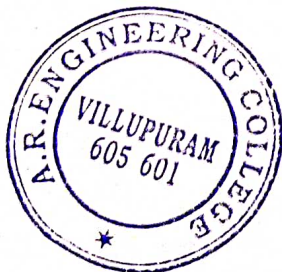
# A. R. ENGINEERING COLLEGE

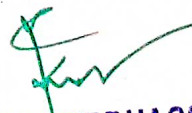
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Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs).

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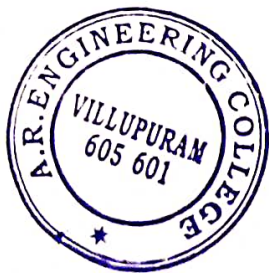
## AUTHENTICATION CERTIFICATE

**3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs).**

This is to certify that the total number of research project grants received from Government and non-governmental agencies during the last five year is

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs).

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	1	1	1	-	1



  
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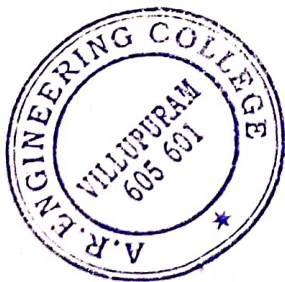
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3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs).

## List of Government and Non-Governmental Projects – Academic Year 2022-2023

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Name of the Funding Agency	Type (Government/Non-Government)
1	A.I Interfaced humanoid based voice assistance Robotics Chat BOT	Dr. B. Jagajothi	Electrical and Electronics Engineering	PRANAVAM Research and Development Organization	Non-Government



  
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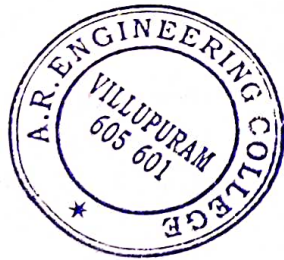



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## List of Government and Non-Governmental Projects – Academic Year 2022-2023

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Name of the Funding Agency	Amount Sanctioned (INR in Lakhs)
I	A.I Interfaced humanoid based voice assistance Robotics Chat BOT	Dr. B. Jagajothi	PRANAVAM Research and Development Organization	500000



  
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# PRANAVAM RESEARCH AND DEVELOPMENT ORGANIZATION

No.2/3 TNHB Flats, Sector -1, Maduravoyal, Chennai -600 095.  
www.prd.o.in, E mail: pranavamtrust@yahoo.com,  
Mobile: +91-9566161619, 7550042555

Dr. M. Rajaram Narayanan  
Managing Director

Dr. R. Kalavathy  
CEO

Date: 8.11.2022

To

The Principal  
AR college of Engineering  
Vikravandi

Respected Sir,

Sub: Intimation of selection of project proposal funding – “A.I interfaced humanoid base Voice Assistance Robotic Chat BOT” – reg.

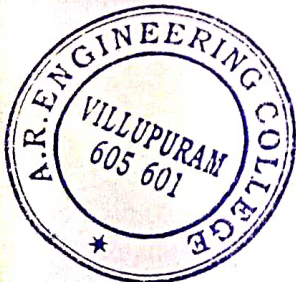
Ref: Your request letter dated on 18.8.2022 /2022-2023.

With reference to the above, we are happy to inform you that your project proposal titled, A.I interfaced humanoid base Voice Assistance Robotic Chat BOT” has been approved with the financial Assistance of 500000/- (five lakhs only).The project commenced from the date of sanction the order and to complete within the period of three years. Payment will be progressive, according to the project execution and we expect adherence to deadlines from your side with the following condition.

1. The grant being sanctioned is to be utilized for the specific project sanctioned and should not be spent on other activities.
2. Principal Investigator Dr.B. Jagajothi, Associate Prof / Dept of Electrical and Electronics Engineering should submit the progress report every half yearly that will be examined by the expert members.
3. Principal investigator should maintain invoice of purchased equipment, supplier information etc
4. If the Principal investigator decides to leave the institution, it has to be communicated to the funding institution and propose a person who can complete the project within the stipulated period of time with Co - Investigator Mr.R. Udayakumar Asst. prof / Dept of EEE . No extension of time will be provided. Thank you

For PRANAVAM RESEARCH AND  
DEVELOPMENT ORGANISATION  
Authorized signatory

Proprietor /



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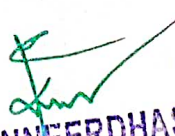
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## List of Government and Non-Governmental Projects – Academic Year 2021-2022

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Name of the Funding Agency	Type (Government/Non-Government)
1	Familiarization of Zynq-7000 Dual Core for FPGA SoC programming and its application	Dr. V. Murugan	Electronics and Communication Engineering	HIGHFLIERS ASSOCIATES	Non-Government



  
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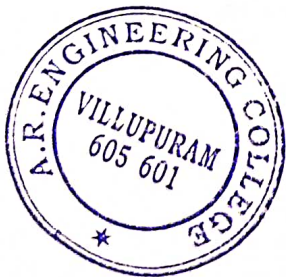



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1	Familiarization of Zynq-7000 Dual Core for FPGA SoC programming and its application	Dr. V. Murugan	HIGHFLIERS ASSOCIATES	500000



  
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**HIGHFLIERS**  
ASSOCIATES

A-3 Rajachari Street  
T Nagar Chennai Tamil Nadu  
600 017

2/11/2021

To

The Principal  
AR college of Engineering  
Villupuram

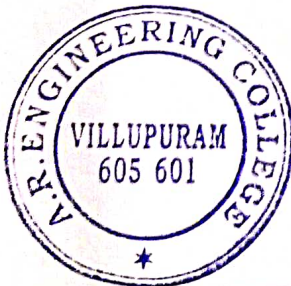
Respected Sir,


- Sub: Intimation of selection of project proposal funding  reg.  
Ref: Your request letter dated on 18.8.2021 /2021-2022.

With reference to the above, we are happy to inform you that your project proposal titled, Familiarization of Zynq-7000 Dual core for FPGA SoC programming and its applications  has been approved with the financial Assistance of 500000/- (five lakhs only). The project commenced from the date of sanction the order and to complete within the period of three years. Payment will be progressive, according to the project execution and we expect adherence to deadlines from your side with the following condition.

1. The grant being sanctioned is to be utilized for the specific project sanctioned and should not be spent on other activities.
2. Principal Investigator prof Dr. V. Munugan Prof Dept of ECE should submit the progress report every half yearly that will be examined by the expert members.
3. Principal investigator should maintain invoices of purchased equipment, supplier information etc
4. If the Principal Investigator decides to leave the institution, it has to be communicated to the funding institution and propose a person who can complete the project within the stipulated period of time with Co - Investigator Mr.P.Saravanan Asst. prof / Depression of ECE Engineering. No extension of time will be provided. Thank you

Authorized signatory



  
**Dr.R.PANNEERDHASS, M.E., Ph.D.,**  
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## List of Government and Non-Governmental Projects – Academic Year 2020-2021

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Name of the Funding Agency	Type (Government/Non-Government)
1	Indo International Advanced Research Centre	Dr. R. Anbazhagan	Thermal Engineering		Non-Government



  
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## List of Government and Non-Governmental Projects – Academic Year 2020-2021

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Name of the Funding Agency	Amount Sanctioned (INR in Lakhs)
1	Indo International Advanced Research Centre	Dr. R. Anbazhagan		300000



  
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#### List of Government and Non-Governmental Projects – Academic Year 2018-2019

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Name of the Funding Agency	Type (Government/Non-Government)
1	Shear Capacity of Steel fibre reinforced concrete beam	Dr. KEA. Palaniappan	CIVIL Engineering	DG BUILDERS	Non-Government



  
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## List of Government and Non-Governmental Projects – Academic Year 2018-2019

Sl.No	Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Name of the Funding Agency	Amount Sanctioned (INR in Lakhs)
1	Familiarization of Zynq-7000 Dual Core for FPGA SoC programming and its application	Dr. V. Murugan	DG BUILDERS	300000

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KAPPIYAMPULIYUR  
VILLUPURAM-605 601.



To

20/01/2019

The Principal  
AR Engg College  
Villupuram

Respected Sir,

Sub: Project proposal "Shear capacity of steel fiber reinforced concrete beam" funding  
Sanction -reg.

Ref: Your proposal application letter dated on 11/12/2018

D.G builders provide support to research projects that are locally need based and socially relevant and nationally important. Our vision is to create, develop and integrate new ideas and integrate new ideas and practice for public good and strengthening civil society. A sum of rupees Rs 3,00,000/- (Rupees Three lakhs) sanctioned with respect to the following conditions.

1. Project proposal grant being released is to be utilized for the specific project sanctioned and should not be used any other project or activities.
2. The Principal investigator should be maintain all documents related to the i purchase of equipment, supplier information, date of purchase should submit same along with progress report.
3. If the Principal investigator decides to leave the institution it has been communicated to the funding institution and the consent of the same the institution has to propose a person who can complete the project with in stipulated period.
4. No time extension will be provided.
5. Upon the completion of the project, project report and the audited statement should be submitted to the funding agency.

Project title: Shear capacity of steel fiber reinforced concrete beam

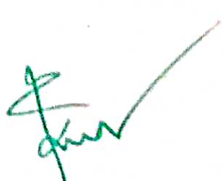
Name of the Principal Coordinator with Department: Dr. KEA. Palaniappanr (Professor / Civil Engineering)

Name of Co- Investigator: S. Suganya (Asst. Professor / Civil Engineering)

Thanking u

Chennai

Authorized Signatory

  
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