



#### **INDEX**

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

3.1.2 Number of departments having Research projects funded by government and non government agencies during the last five year

Sr. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co -investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
1	Line Follower By Using Raspberry Pi	Prof. A.A. Kolpykwar	Comp. Engineering	2019-20	0.2	1 Year	Jagadambha College of Engg.& Tech.,Yavatmal	Non-Government
2	Smart Flower & Agricultural System	Prof. E.A. Rangari	Elect Engineering	2019-20	0.16992	1 Year	Jagadambha College of Engg.& Tech.,Yavatmal	Non-Government
3	Design & Fabrication of Manually Operated Grain Collecting Machine	Prof. S. K. Wagh	Mech Engineering	2019-20	0.1669	1 Year	Jagadambha College of Engg.& Tech.,Yavatmal	Non-Government
4	Voice Control Pesticide and Fertilizer Spraying Robot	Prof. D.B.Pohare	Electronics & Telecommunication	2019-20	10985	1Year	Jagadambha College of Engg.& Tech.,Yavatmal	Non-Government
5	Experimental Investigation on Effect of Magnetise Water on Properties of Concrete	Prof S.R.Raut	Civil Engineering	2019-20	11217	1Year	Jagadambha College of Engg.& Tech.,Yavatmal	Non-Government



Dr.Hemant M. Baradkar Principal

Jagadambha College of Engineering & Technology, Ami Road, Kinhi, Yavatmal

Date: 06/02/2020

To, The Principal, Jagadambha College of Engineering & Technology, Yavatmal

Subject :- Regarding reimbursement of project bills.

Respected Sir,

This is to bring to your kind notice that, we the project students of Department of Computer Engineering Ku.Diksha Nivrutti Wankhede,Ku.Pooja Santosh Gaikwad,Ku.Tejaswini Vilas Ayate,Ku.Ruchali Navanthrao Gawande has successesfully completed our B.E. 4th year major project on Line Follower Using Raspberry PI3 . We present you the project expenses and kindly request you to reimburse the expenditure of project. The total expenditure of project is 20458/- The Bills are enclosed with this letter along with the abstract, future work and comments by guide Prof.A.A.Kolpyakwar

We kindly request you to reimburse the project bills so that this could be of financial assistants to us.

Thanking you.

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Yours truly

1. Ku.Diksha Nivrutti Wankhede DH.Wank

2. Ku. Pooja Santosh Gaikwad PSGalk Wad

3. Ku.Tejaswini Vilas Ayate

4. Ku.Ruchali Navanthrao Gawande Ker

2009 E

Dr. Hemant M. Baradkar Principal Logadambha College of Engineering & Project Title: - Line Follower Using Raspberry PI3

List of various Materials & their cost in the bills-

Sr. No.		Qty	Cost(Rs.)
1	Ardino Kit	01	1000
2	GSM Modem	01	1899
3	Wi-Fi Modem	01	2199
4	Temperature Sensor	01	1429
5	Humidity Sensor	01	1972
6	Water Sensor	01	489
7	Mini Exhaust Fan	01	399
8	Water Lifting Pump	01	1100
9	Resisters	10	499
10	Capacitors	10	500
11	Diodes	10	500
11	Cables and Connectors	10	596
12	PCB and Breadboards	02	759
13	Transistors		338
14	Light Emitting Diodes	10	250
15	Transformer/Adapter	10	418
16	Push Buttons	01	200
7	Switch	02	657
		03	254
	Integrated Circuit, IC Sockets	05	1000
-	Rechargeable battery	01	5000
	Total		20458

Dr.Hemant M. Baradidas Principal

Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

ESTD 2009

S. A. MURAB

COMPUTER ENGG. DEPT, J.E. YAVATMAL Reg. No.: MH-NGP/0000167/2019



Ref No:

To. The Principal, Jagdambha College of Engineering & Technology, Yavtmal

Subject- Sanction Letter for full funding for the project of final year students.

Respected Sir,

As per above mention subject, we M/s VMS Research foundation Nagpur has sponsored Rs, 20458/- for the project "Line Follower Using" Raspberry PI3" of final year computer Engineering Students during the academic year 2019-2020.

You are requested to allocate this fund to the concern project batch students for effective utilization.

Thanking You.

Dr. Vijay. S. Wadai

Dr. Hemant M. Baradkar Principal

lagadambha College of Engineering & Enology, Arni Road, Kinhi, Yavatmal

VMS INTERNATIONAL RESEARCH **FOUNDATION** 

27, EKMAT NAGAR **BESA MANEWADA** ROAD, NAGPUR-34 Maharashtra, India. Phone: +91-9372727927 E-mail address

vsmsngp@gmail.com

Website

Reg.No.

/vmsin

www.vmsindia.org





International Journal of Research in Biosciences, Agriculture & Technology

JAGADAMBHA COLLEGE OF ENGINEE-ING & TECHNOLOGY, YAVATMAL  CASH RECEIPT VOUCHER
Credit V No 952 Date 25/02/20
a Dikaha wankhada (2) long a kankuada
Name of Payees: Union Byoke & Ruchali Gowande  On A/c of: Funding of Project of "Line Rs. 20458 -  Follower using response pi-3"  Rs. 20458 -
Amount Rs. in words: Twenty thousand four hyndred
little Eithe roles only.
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Date:

To, The Principal, Jagadambha College of Engineering & Technology, Yavatmal

Sub: - Regarding Reimbursement of Project Bills.

Respected Sir,

This is to bring to your kind notice that, we the project students of Department of Electrical Engineering Ku. Swati Unhale, Ku. Swarangani Sapat, Mr. Akash Rathod, Mr. Abhijeet Madeshwar has successfully completed our B.E. 4<sup>th</sup> Year Major Project on "Smart Flower and Agricultural System". We present you the project expenses and kindly request you to reimburse the expenditure of project. The total expenditure of project is Rs.16992/-.

The Bills are enclosed with this letter along with the abstract and comments by guide Prof. Ekeshwari Rangari Assistant Profesor in Electrical Engineering Department Jagadambha College of Engineering & Technology Yavatmal.

We kindly request you to reimburse the project bills so that this could be of financial assistants to us.

Thanking you.

Bancare . Mariane

Dr.Hemant M. Baradkar Principal

Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

Yours truly

1. Ku. Swati Unhale,

2. Ku. Swarangani Sapat,

3. Mr. Akash Rathod,

4. Mr. Abhijeet Madeshwar



Project Title: - Smart Flower and Agricultural System

List of various Materials & their cost in the bills-

	Total	169	92
9	Integrated Circuit, IC Sockets	05	300
8	Switch	03	75
7	Push Buttons	02	80
16	Transformer/Adapter	01	200
15	Light Emitting Diodes	10	400
14	Water Sensor	01	399
13	GSM Modem	01	1299
12	Cables and Connectors	10	200
11	Diodes	10	70
10	Capacitors	10	50
09	Resisters	10	50
08	Temperature Sensor	01	1000
07	Humidity Sensor	01	470
06	Ardino Kit	01	999
05	Connecting Pipes	01	500
04	Sprinkler	04	700
03	Universal Motor	01	2200
02	Rechargeable Battery	01	3000
01	Solar Panel	01	5000
Sr. No.	Material/Item	Qty	Cost(R



Dr. Hemant M. Baradkar Principal lagadambha College of Engineering & echnology, Arni Road, Kinhi, Yavatmal



### JAGADAMBHA





Dr. Hemant M. Baradkar
M.Tech. (Electronics), Ph.D. (E & TC. Engg.)
Principal

Dr. Shittal A. Watile
M.Sc., Ph.D.
Secretary

Date: 11/10/2019

To,
The HOD,
Electrical Engg. Department,
Jagadambha College of Engineering & Technology,
Yavatmal

Sub: - Sanction Letter for Funding of the project of Final Year Students under the head of students related expenses

Respected Sir,

As per the above mentioned subject, we Jagadambha College of Engineering &

Technology yavatmal has sponsored Rs. 16992/- for the project "Smart Flower & Agricultural"

System" of Final Year Electrical Engineering Students during the academic year 2019-20.

You are requested to allocate this fund to the concerned project batch students for effective utilization.

Thanking you.

Yours truly

Dr. Hemanipel, Baradkar JE, Yayamahl

lagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal



Wbsite: www.jcoet.org, Email: principal@jcoet.org, principal.jcoet@.gmail.com

#### Schedule " A "

#### Contingencies:

AICTE FEES	100000,00
Advertiesment Expenses	125230.00
Conference	360410.00
Consumable Exp.	25790.00
Electrification Exp.	65430.00
Function & Festival	210350,00
Labrotary material	145810.00
Office Expenses	320780.00
Practicle Exam Exp.	160390.00
Printing & Stationary Exp.	90480,00
Employesr share PF	125000.00
Student gathering	125360.00
Student related expenses	225150,00
Exam fees	12480.00
Telephone Expenses	23170.00
	2115830.00

# SCHEDULE- "B" DETAILS OF FIXED ASSETS AND DEPRECIATION WORKINGS

Particulars .	Rate %	Op, WDV	Additions	Total	Depre	CLWDV
oks Computer Set Laboratry & Equipments	10.00 33.33 15:00	277142.23 96599.62 207157.47	0.00 0.00 00.0	277142.23 96599.62 207157.47	27714.22 32196.65 31073.62	249428.01 64402.97 176083.83
Total		580899.32	0.00	580899,32	90984.50	489914.82

Dr. Hemant M. Baradkar

Dr. Hemant M. Baradkar

Principal

Technology Ami Road Kining avaimal

Technology Ami Road Kining avaimal



Principal

Jagadambha Collage of Engineering & Technology Ami Road, Kinhi, Yavatmal

& TEC	A COLLEGE OF ENG HNOLOGY, YAVATMA	
	RECEIPT VOUCHER	
Credit V. No. 496		Date 11/01/202
Name of Payees: 01- Swali	Unhale 02-Sw	orangani Saput
03- Akosh Pa	thod 04 Abhijee	t Modeshwar
On A/c of: Funding funding fund Of Electrical English Amount Rs. in words: Sixte	inal fear Prive	Rs 169921
01 Bearing Dy	J. Dejurin cug	100007
Amount Rs. in words :	en inousend, n	line Hundred
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mandantared	LA ESTO	whale .
Prepared by	Sanctioned by 2009	Received by

Date: 18/08/2019

To. The Principal, Jagadambha College of Engineering & Technology, Yavatmal

Sub: - Regarding reimbursement of project bills.

Respected Sir,

This is to bring to your kind notice that, we the project students of Department of Mechanical Engineering Mr. Pratik M. Pawar, Mr. Chetan S. Pawar, Mr. Tushar A.Pinnamwar, Mr. Suraj B. Soyam, Mr. Akash Mude has successfully completed our B.E. 4th Year Major Project on "Design and fabrication of manually operated grain collecting machine". We present you the project expenses and kindly request you to reimburse the expenditure of the project. The total expenditure of the project is Rs. 16690/-.

This project we have done under the guidance of our by guide Prof. S. K. Wagh.

We kindly request you to reimburse the project bills so that this could be of financial assistance to us.

Thanking you.

For worded to HOD

For worded principal six yours truly

1. Mr. Pratik M. Pawar - Rounds

2. Mr. Chetan S. Pawar - Charles

4. Mr. Suraj B. Soyam Sulaj

For Sanction

For Hemant M. Baradka. lagadambha College of Engineering & Technology, Ami Road, Kiphi, Yavatmal



## **JAGADAMBHA**





Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

Dr. Hemant M. Baradkar

M.Tech. (Electronics), Ph.D. (E & TC. Engg.) **Principal** 

Dr. Shittal A. Watile
M.Sc., Ph.D.
Secretary

Date: 27/08/2019

To,
The HOD,
Mechanical Engineering Department.
Jagadambha College of Engineering & Technology,
Yavatmal

Sub: - Sanction Letter for Funding of the project of Final Year Students under the head of students related expenses

Respected Sir,

As per the above mentioned subject, we Jagadambha College of Engineering & Technology yavatmal has sponsored Rs. 16690/- for the project "Design & Fabrication of manually operated grain collecting machine" of Final Year Mechanical Engineering Students during the academic year 2019-20.

You are requested to allocate this fund to the concerned project batch students for effective utilization.

Thanking you.



JE, Yavanapal
Jagadambha College of Engineering &

Wbsite: www.jcoet.org, Email: principal@jcoet.org, principal.jcoet@.gmail.com

#### Schedule " A "

#### Contingencies:

100000.00
155550 00
125230.00
360410.00
25790.00
65430.00
210350.00
145810.00
320780.00
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125360.00
225150.00
12480.00
23170.00
2115830.00

# SCHEDULE- "B" DETAILS OF FIXED ASSETS AND DEPRECIATION WORKINGS

Particulars	Rate %	Op. WDV	Additions	Total	Depre	CL WDV
oks Computer Set Laboratry & Equipments	10.00 33.33 15:00	277142.23 96599.62 207157.47	0.60 0.00 0.00	277142:23 96599:62 207157:47	27714.22 32196.65 31073.62	249428.01 64402.97 176083.85
Letul		580899.32	0.00	580899,32	90984.50	489914.82

Dr. Hemant M. Barauka.

Dr. Hemant M. Barauka.

Jagadambha College of Engineering & Jagadambha College



Principal

Jagadambha Collage of Engineering &
Technology Ami Road, Kinhi, Yavatmal

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2000

### JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

CASH RECEIPT VOUCHER	)———
Credit V. No. 858	Date: 27/08/2019
Name of Pavees: DP2atsk Pawaz 2) Cheden	Pawas 3) Tushas
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Prepared by Sanctioned by	Received by

Date: 10/10/2019

To, The Principal, Jagadambha College of Engineering & Technology, Yavatmal

Sub: - Regarding reimbursement of project bills.

Respected Sir,

This is to bring to your kind notice that, we the project students of Department of Electronics & Telecommunication Engineering Mr. Rudra R. Mishra, Ku. Pragati R. Tiwari, Ku. Rohini V. Mahalle, Mr. Siddhant Gautam Khabiya, Mr. Dayal R. Dehankar has successfully completed our B.E. 4th Year Major Project on "Voice Control Pesticide and Fertilizer Spraying Robot". We present you the project expenses and kindly request you to reimburse the expenditure of the project. The total expenditure of the project is Rs. 10985/-.

This project we have done under the guidance of our by guide Prof. D. B. Pohare.

We kindly request you to reimburse the project bills so that this could be of financial assistance to us.

Yours truly

1. Mr. Rudra R. Mishra

2. Ku. Pragati R. Tiwari

3. Ku. Rohini V. Mahalle

4. Mr. Siddhant G. Khabiya Sidhem

5. Mr. Dayal R. Dehankar Dayal



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### **JAGADAMBHA**





Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

Dr. Hemant M. Baradkar

M.Tech. (Electronics), Ph.D. (E & TC. Engg.) **Principal** 

Dr. Shittal A. Watile
M.Sc., Ph.D.
Secretary

Date: 12-10-2019

To,
The HOD,
Electronics & Telecommunication Engg. Department,
Jagadambha College of Engineering & Technology,
Yayatmal

Sub: - Sanction Letter for Funding of the project of Final Year Students under the head of students related expenses

Respected Sir,

As per the above mentioned subject, we Jagadambha College of Engineering &

Technology yavatmal has sponsored Rs. 10985/- for the project "Voice Control Pesticide and

Fertilizer Spraying Robot" of Final Year Electronics & Telecommunication Engineering

Students during the academic year 2019-20.

You are requested to allocate this fund to the concerned project batch students for effective utilization.

Thanking you.



Yours truly

D. 2019

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Jagadambha College of Engineering & Tachnology Arc Condition (Yavatma)

ARNI ROAD, YAVATMAL - 445001 (M.S.) INDIA Tel. / Fax: 07232-291444, Mob.: 9011083260

Wbsite: www.jcoet.org, Email: principal@jcoet.org, principal.jcoet@.gmail.com

#### Schedule "A"

#### Contingencies:

AICTE FEES	100,000,00
Advertiesment Expenses	125230.00
Conference	360410.00
Consumable Exp.	25790.00
Electrification Exp.	65430.00
Function & Festival	210350.00
Labrotary material	145810.00
Office Expenses	320780.00
Practicle Exam Exp.	160390.00
Printing & Stationary Exp.	90480,00
Employesr share PF	125000.00
Student gathering	125360.00
Student related expenses	225150.00/
Exam fees	12480.00
Telephone Expenses	23170.00
	2115830,00

# SCHEDULE- "B" DETAILS OF FIXED ASSETS AND DEPRECIATION WORKINGS

Particulars	Rate %	Op, WDV	Additions	Total	Depre	CLWDV
ooks Computer Set Laboratry & Equipments	10.00 33.33 15.00	277142.23 96599.62 207157.47	0.00 0.00 0.00	277142.23 96599.62 207157.47	27714.22 32196.65 31073.62	249428.01 64402.97 176083.85
Lotal		580899.32	0.00	580899.32	90984.50	489914.82

Dr. Hemant M. Baradkar

Principal

Principal

Jagadambha College of Engineering &

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To the state of th

Principal

Jagadambha Collage of Engineering &
Technology Ami Road, Kinhi, Yavatmal

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Prepared by	Sanctioned by	R	eceived by

Date: 03 |09 | 2019

To, The Principal, Jagadambha College of Engineering & Technology, Yavatmal

Sub: - Regarding reimbursement of project bills.

Respected Sir,

2009

This is to bring to your kind notice that, we the project students of Department of Civil Engineering Ku. Shrushti R. Dongre, Mr. Sandesh P. Wanjari, Ku. Sonali A. Sakhatkar, Mr. Rajesh G. Sarokh, Ku. Shiyani R. Butle, Ku. Rupali A. Pawar, Mr. Yash D. Rai has successfully completed our B.E. 4th Year Major Project on "Experimental Investigation on Effect of Magnetise Water on Properties of Concrete". We present you the project expenses and kindly request you to reimburse the expenditure of the project. The total expenditure of the project is Rs. 11217/-.

This project we have done under the guidance of our by guide Prof. S. R. Raut.

We kindly request you to reimburse the project bills so that this could be of financial

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Herible principal of student
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for kind approval as per peland
project expenses as gradert
project expenses
fund provision of Yours truly 1. Ku. Shrushti R. Dongre 2. Mr. Sandesh P. Wanjari 3. Ku. Sonali A. Sakhatkar 4. Mr. Rajesh G. Sarokh 5. Ku. Shivani R. Butle 6. Ku. Rupali A. Pawar Ro 7. Mr. Yash D. Rai expenses

emant M. Baradkaı

Principal lagadambha College of Engineering &



# JAGADAMBHA





Approved by A.I.C.T.E. & Government of Maharashtra, Affiliated to S.G.B. Amravati University, Amravati.

Dr. Hemant M. Baradkar

M.Tech. (Electronics), Ph.D. (E & TC. Engg.) **Principal** 

Dr. Shittal A. Watile
M.Sc., Ph.D.
Secretary

Date: 06/09/2019

To,
The HOD,
Civil Engg. Department,
Jagadambha College of Engineering & Technology,
Yayatmal

Sub: - Sanction Letter for Funding of the project of Final Year Students under the head of students related expenses

Respected Sir,

As per the above mentioned subject, we Jagadambha College of Engineering &

Technology yavatmal has sponsored Rs. 11217/- for the project "Experimental Investigation on

Effect of Magnetise Water on Properties of Concrete" of Final Year Civil Engineering Students during the academic year 2019-20.

You are requested to allocate this fund to the concerned project batch students for effective utilization.

Thanking you.



Yours truly

Dr. Herrandipul. Baradkar JE, Yavintinal

Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

#### Schedule " A "

#### Contingencies:

1000000,00
125230.00
360410.00
25790.00
65430.00
210350,00
145810,00
320780.00
160390.00
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125360.00
225150:00
12480,00
23170.00
2115830,00

#### SCHEDULE- "B" DETAILS OF FIXED ASSETS AND DEPRECIATION WORKINGS

Particulars	Rate %	Op. WDV	Additions	Total	Depre	CL WDV
oks Computer Set Laboratry & Equipments	10.00 33.33 15:00	277142.23 96599.62 207157.47	0.00 0.00 0.00	277142.23 96599.62 207157.47	27714.22 32196.65 31073.62	249428,01 64402.97 176083,85
Fotal		580899.32	0.00	580899,32	90984.50	489914.82

Dr. Hemant M. Baradkar principal Jagadambha College of Engineering & Technology, Arni Road, Kinhi, Yavatmal

Principal Jagadambha Collage of Engineering & Technology Ami Road, Kinhi, Yavatmal



# JAGADAMBHA COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL

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Credit V. No. RSP	CASH RECEIPT VOUCHER	
		Date : 11  09   2019
Name of Payees: S.R.	Dongre, S.P. Wanj	ari, S.M. Saktarkan,
K. E. Sauckh, Shirar	i Butle R. R. Pauso	r, V.D. Rai
On A/c of: (D) ect fur	nding the final ye	Rs. 11.217
Amount Rs in words:	reportation of semples	<u>,,</u>
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0.5	oney le-	
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	Suretioned by	received by