



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

FOUNDER CHANCELLOR  
**Dr. Patangrao Kadam**  
M.A., LL. B., Ph. D.

Accredited by NAAC With 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
Near Chitranagari, Kolhapur - 416013 (MS)  
DTE INSTITUTE CODE : EN-6288  
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050  
Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : [coekolhapur@bharatividyaapeeth.edu](mailto:coekolhapur@bharatividyaapeeth.edu)

PRINCIPAL  
**Dr. Vijay Ghorpade**  
M.E., Ph. D. (Computer)

## NAAC SSR CYCLE- 2



<b>Criterion 3</b>	<b>Research, Innovations and Extension</b>
<b>Key Indicator 3.1</b>	<b>Resource Mobilization for Research</b>
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)	

**Grants received for Academic Year: 2021-22**



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M.E., Ph. D. (Computer)



Sr. No.	Name of the research project/ endowment	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR in Lakhs)	Nature of the award	Name of the Funding Agency/ awarding agency	Page No.
1	Project: Experimental Study of High-Performance Concrete with rice husk and artificial sand	Mr. V. V. Mane	Civil Engineering	2021-22	0.10	Research Sensitization Scheme for College students	Shivaji University, Kolhapur under Lead College Concept	5
2	Faculty Development Program (FDP): Nanotechnology: Synthesis, Characterization and Applications of Nanomaterials in Engineering & Science	Dr. S. J. Kadam	Mechanical Engineering	2021-22	0.57	Lead College Scheme	Shivaji University, Kolhapur under Lead College Concept	7
3	Short Term Training Program (STTP):	Ms. A. H. Tirmare	Electronics and Telecommunication Engineering	2021-22	0.16	Lead College Scheme	Shivaji University, Kolhapur under	9

	Core to Advance Python programming						Lead College Concept	
4	Short Term Training Program (STTP): Communication and Professional Skills	Mr. P. A. Kharade	Computer Science and Engineering	2021-22	0.16	Lead College Scheme	Shivaji University, Kolhapur under Lead College Concept	10
5	AICTE Impact Lecture sessions	Dr. S. S. Pawar	Electronics and Telecommunication Engineering	2021-22	0.12	MIC-AICTE	Minister of Education's Innovation Cell (MIC)	11
6	Project: Design and Fabrication of Affordable Electrical Vehicle for Handicap	Mr. S. B. Kamble	Mechanical Engineering	2021-22	0.74	Industry-Sponsored Project	Ravi Motors Authorised Dealer	14
7	Project: Kinetic Energy Recovery System	Mr. R. B. Lokapure	Mechanical Engineering	2021-22	0.06	Industry-Sponsored Project	Om Navnath Diesels	16
8	Project: Design and Development of Humidity Controller for Prevention of Microbiological Spoilage in Vegetables	Mr. J. S. Shinde	Mechanical Engineering	2021-22	1.02	Industry-Sponsored Project	Tulsi Agro Processing	18
9	Project: Automatic Luggage Storage System	Dr. S. S. Pawar	Electronics and Telecommunication Engineering	2021-22	0.25	Industry-Sponsored Project	JonQuil Life Sciences	20
10	Project: Red Wings: A Central Repository for Blood Donations	Mrs. P. R. Patil	Computer Science and Engineering	2021-22	0.25	Industry-Sponsored Project	Tuljai Hospital	21
11	Project: Chetna an ML Based Application for Children with Development Disabilities	Mrs. S. M. Mulla	Computer Science and Engineering	2021-22	0.18	Industry-Sponsored Project	Chetna Apangmatt Vikas Sanstha Kolhapur	22
12	Project: Educational Website	Dr. J. K. Pail	Electronics and Telecommunication Engineering	2021-22	0.46	Industry-Sponsored Project	Tirupati Enterprises	23
13	Project: IOT Based Water Level Monitoring and Management of Dams	Dr. K. R. Desai	Electronics and Telecommunication Engineering	2021-22	0.75	Industry-Sponsored Project	Bharati Vidyapeeth (Deemed To Be University) Pune	24

14	Project: Experimental Study of Hybrid Steel, Polypropylene Fibre Reinforced Concrete	Mr. M. M. More	Civil Engineering	2021-22	0.13	Industry- Sponsored Project	Patil Construction	26
15	Project: Comparative Study on Strength Enhancement of Concrete Using Rubber Crumb, Magnetized And Normal Water.	Mr. P. J. Jadhav	Civil Engineering	2021-22	0.15	Industry- Sponsored Project	Aashiyana Engineering Consultancy	27
16	Project: Voice Based Displaying board for public area	Ms. Priyadarshani S. Mali	Electronics and Telecommunication Engineering	2021-22	0.46	Industry- Sponsored Project	Tirupati Enterprises	28
17	Project: Contribution of Encased U- Shaped and Fully Wrapped Welded Wire Mesh Strips In RCC Rectangular Beam Under Pure Torsion	Mr. V. V. Mane	Civil Engineering	2021-22	0.14	Industry- Sponsored Project	Pioneer Construction	29
18	Project: Experimental Study of High- Performance Concrete With Rice Husk Ash And Artificial Sand	Mr. S. S. Kotwal	Civil Engineering	2021-22	0.15	Industry- Sponsored Project	Royal Builders	30
19	Project: Encasement of Inclined U- Shaped and Fully Sided Welded Wiremesh Strips For Rectangular Beam Under Pure Torsion	Mr. V. V. Mane	Civil Engineering	2021-22	0.15	Industry- Sponsored Project	C&J Consturction LLC	31
20	Project: IOT IV Monitoring and Alert	Dr. K. R. Desai	Electronics and Telecommunication Engineering	2021-22	0.40	Industry- Sponsored Project	Tirupati Enterprises	32
<b>Total Amount Sanctioned (INR in Lakhs) for AY 2021-22</b>					<b>6.40</b>			



Ref No: DKTE/Lead college/2021-22/28

Date: 06/01/2022

To,  
**The Principal,**  
Bharti Vidyapeeth's College of Engineering,  
Near Chitranagari, Morewadi,  
Kolhapur - 416013.

SUB: Reimbursement of Project Proposal for **Research Sensitization Scheme of Shivaji University**, Kolhapur Year -2021-22.

Ref: Proposal submitted "**Experimental study of high-performance concrete with rice husk and artificial sand.**"


Dear Sir,

Your B.Tech. Project proposal submitted for grant under **Research Sensitization Scheme of Shivaji University, Kolhapur** has been sanctioned.


With reference to the above captioned subject, please find enclosed herewith the cheque of amount of **Rs. 10,000/-** against the proposals submitted under **Research Sensitization Scheme 2021-22**. Requesting you to submit the expenditure statement, original bills and project hard copy with utilization certificate before 15<sup>th</sup> February 2022. Kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,



Prof. Dr. M.B. Chougule  
Co-ordinator  
**Lead College Cluster**



Prof. Dr. P.V. Kadole  
Chairman  
**Lead College Cluster**

Encl : Cheque No. 077804

dated 06/01/2022.





सेंट्रल बँक ऑफ इंडिया  
Central Bank of India

इचलकरंजी शाखा, कोल्हापूर  
ICHALKARANJI BRANCH, KOLHAPUR-416115  
IFSC: CBIN0282570

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दि	दि	मा	मा	व	व	व	व
0	6	0	1	2	0	2	2
D	D	M	M	Y	Y	Y	Y

Pay Principal, Bharati Vidyapeeth's College of Engineering, साधारक को or Bearer  
रुपये Rupees Ten Thousand only

अदा करें ₹ 10,000-00

खाता सं०  
A/c. No. 3778642782

CO-ORDINATOR

CHAIRMAN

ICHALK

DKTE SOCIETY'S TEXTILE & ENGG. INSTITUTE  
कृपया हस्ताक्षर ऊपर करें / Please sign above

⑈077804⑈ 416016201⑈ 002690⑈ 31

Ref No: DKTE/Lead college/2021-22/29

Date: 07/01/2022

To,  
The Principal,  
Bharti Vidyapeeth's College of Engineering, Kolhapur,  
Near Chitranagari,  
Kolhapur-416013

Sub: Cheque issue for workshop for Nanotechnology 2021-22.

Ref: Proposal submitted BV/COEK/302/2021-22 dated 30/12/2021.

Dear Sir,

With reference to the above captioned subject, please find enclosed herewith the Cheque of amount of Rs. 57,000/- against the proposal 'One week FDP & STIP on "Nano Technology Synthesis, Characterization and Applications of Nanomaterial's in Engineering & Science" submitted. Kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,



Prof. Dr. M.B. Chougule  
Co-ordinator  
Lead College Cluster



Prof. Dr. P.V. Kadole  
Chairman  
Lead College Cluster

Encl: Ch.No. 077805 dated 07/01/2022





A/C Payee



इचलकरंजी शाखा, कोल्हापुर  
ICHALKARANJI BRANCH, KOLHAPUR-416115  
IFSC: CBIN0282570

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D D M M Y Y Y Y

Pay Principal, Bharati Vidyapeeth's College of Engineering, Kolhapur या धारक को or Bearer  
रुपये Rupees Fifty seven Thousand Only

अदा करें ₹ 57,000=00

खाता सं०  
A/c. No. 3778642782

CO-ORDINATOR

CHAIRMAN

ICHALK

DKTE SOCIETY'S TEXTILE & ENGG. INSTITUTE  
कृपया हस्ताक्षर ऊपर करें / Please sign above

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INTECH SECURITY PRINTING CTS 2010  
केवल तीन माह के लिए ही वैध। FOR THREE MONTHS ONLY



Ref No: DKTE/Lead college/2021-22/39

Date: 28/02/2022

To,  
**The Principal,**  
Bharti Vidyapeeth's, College of Engineering,  
Morewadi,  
Kolhapur- 416013.

SUB: Reimbursement of 15% amount under lead college activity for academic year 2021-22.

Dear Sir,

With reference to the above captioned subject, please find enclosed herewith the cheque of amount of **Rs. 16,065/-** against the proposals submitted. Kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

Prof. Dr. M.B. Chougule  
Co-ordinator  
Lead College Cluster

Prof. Dr. P.V. Kadole  
Chairman  
Lead College Cluster

Encl : Cheque No. 094575 dated 28/02/2022.

TSD  
813



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CHALK

**बँकेचे वॉल्वे ऑफ इंडिया**  
**Central Bank of India**

इचालकराजी शाखा, कोल्हापूर  
ICHALKARANJI BRANCH, KOLHAPUR-416113  
IFSC: CBIN0282570 **40006**

28022022  
D D M M Y Y Y Y

Pay Principal, Bharti Vidyapeeth's college of engineering शाखा को or Bearer

रुपये Rupees **Sixteen Thousand Sixty five only.**

मैदा करे ₹ **16,065 = 00**

A/C No. **3778642782**

**CO-ORDINATOR**  
 **CHAIRMAN**

**DKTE LEAD COLLEGE CLUSTER ICH**  
मुद्रा: प्रथम 127 नं. / Please sign above

ICHALK

Ref No: DKTE/Lead college/2021-22/38

Date: 28/02/2022

To,  
**The Principal,**  
Bharti Vidyapeeth's, College of Engineering,  
Morewadi,  
Kolhapur- 416013.

SUB: Reimbursement of 15% amount under lead college activity for  
academic year 2020-21.

Dear Sir,

With reference to the above captioned subject, please find enclosed  
herewith the cheque of amount of **Rs. 16,260/-** against the proposals submitted.  
Kindly acknowledge the receipt of the same.

Thanking you,

Yours Sincerely,

Prof. Dr. M.B. Chougule  
Co-ordinator  
Lead College Cluster

Prof. Dr. P.V. Kadole  
Chairman  
Lead College Cluster

Encl : Cheque No. 094573 dated 28/02/2022.

TPO  
28/2/22



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ATM Payee



इचालकरजी शाखा, कोल्हापूर  
ICHALKARANJI BRANCH, KOLHAPUR-416115  
IFSC: CBIN0282570 51041

समी बाबतची रक्कम ITD PAYABLE AT ALL BRANCHES

2 8 0 2 2 0 2 2  
D D M M Y Y Y Y

Pay Principal, Bharti Vidyapeeth's College of Engineering या धारक को or Bearer

रुपये Rupees Sixteen Thousand Two Hundred  
sixty only.

अदा करे ₹ 16,260-00

3778642782

CO-ORDINATOR CHAIRMAN

DKTE LEAD COLLEGE CLUSTER ICH

ICHALK

**Impact Lecture Series 2022-23,  
Institution's Innovation Council 4.0  
MoE's Innovation Cell (MIC), AICTE**

**I. Guide line for conducting of impact lecture sessions and general conditions**

- The impact session themes and lecture topics should be on innovation, entrepreneurship and IPR. And impact lectures should be delivered by external experts by inviting successful innovators, patent expert and entrepreneurs and resource persons from innovation and start-up ecosystem at the state/region/national level.
- **Each Impact session should comprise two impact lectures to be delivered by two different experts on two different topics of minimum 1.5 hours' duration each and should be conducted on the same day of the session date.**
- **If IIC institution is organise two impact sessions, then there should be a minimum time gap of 10 days between two impact sessions.**
- Impact sessions should be conducted in online mode.
- Impact sessions should be conducted after the announcement of results (or) notification issued in this regard to selected IIC institutions.
- IIC institute should get maximum participation by ensuring in-house participation of both students and faculty members and also inviting outside participants from other IIC institutions, Atal Tinkering Labs, Schools etc.
- IIC-Institutes are advised to carryout e-assessment and e-feedback (either by using google form or any other suitable medium) followed by the session to assess the understanding level of the participants.
- IIC Institute may issue e-certificates to the participants attending the session and have submitted e-assessment successfully. For this purpose, IIC-institute may use the MIC, AICTE and IIC logo in the certificate with IIC president as one of the signatory.
- Expenditure for the Impact session should be in accordance with the budget breakup given in the point VII based on the mode of conduct.

**II. Funding Assistance from MIC/AICTE**

Sr. No.	Budget Breakup	Amount (Online Mode)
1.	Honorarium to the Expert (s)	Rs6000/ Impact Session (@Rs3000/Expert/Day/Session)
2.	TA/DA	N.A
3.	Venue related expenditure including food and snacks etc.	N.A
<b>Expense Amount per session ( two lectures)</b>		<b>Rs. 6,000/ Impact Session</b>
<b>Total Amount</b>		<b>Rs. 12,000/-(For 2 Impact Sessions)</b>

**Note:** TDS should be deducted (as per income tax act) by the institute before releasing the Honorarium amount to the experts.



### III. Disbursement of the Funds

- MIC/AICTE will issue the Sanction Order and 100% of the sanctioned amount will be released in **reimbursement mode** to the account of the institute only.
- The grantee institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

### IV. Report and Supporting Document Submission

- a. After conduct of the impact lecture session, institute has to fill up and submit report on the IIC portal and upload following documents:
  - Copy of report of the sessions.
  - Feedback sheet of the participants.
  - Geotagged photographs (maximum 15) of the impact lecture session.
  - A video of 2-minute duration having:
    - (i) Introduction by Coordinator mentioning the name and state of institute.
    - (ii) Impact lecture session details and achievements attained through Conference
    - (iii) How the Impact lecture session was beneficial to students, faculty and institute?
    - (iv) Acknowledgement of AICTE/MIC support.
- b. IIC institution shall send hard copy of the report along with following supporting documents within prescribed period of the completion of impact lecture session.
  - Audited Statement of Expenditure indicating expenditure incurred as per approved budget head (VIII) in the prescribed format and GFR-19 shall be submitted to the MIC/AICTE.
  - In case of Govt. institutions, original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor.
  - (or) In case of self-financing/private institutions, Statement of actual Expenditure is required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Formats are enclosed.
  - Copy of PAN Card of the institute, filled mandate form, Honorarium receipts & Proof of transaction
  - All documents shall be furnished to the AICTE/MIC immediately after completion of the scheme to the following Address:

The Innovation Officer,  
Room No.223, 2<sup>nd</sup> Floor  
MoE's Innovation Cell, AICTE HQ, Nelson Mandela Road  
New Delhi-110070.

### V. Use of Logos

- The impact lecture session events should prominently display the logos of MIC, AICTE and IIC in all promotion materials such as publicity materials/ advertisements/ brochures/ invitation cards/ any other collaterals/ event backdrop etc. and certificates.
- It is the responsibility of president of concern IIC institute to check and validate the proper and appropriate use of above logos for the said purpose only.

Email: [ankush.sharma@aicte-india.org](mailto:ankush.sharma@aicte-india.org), [selva.rani@aicte-india.org](mailto:selva.rani@aicte-india.org)  
Phone no: 011 2958 1223/1239/1240/1235/1513/1226



## List of IIC Institutions Selected for Organising Impact Lectures in Online Mode-Phase 2

Sr.No	IIC ID	Institute Name	State	Zone
513	IC202115675	AGRICULTURAL DEVELOPMENT TRUSTS	Maharashtra	Western/WRO
514	IC202116013	All India Shivaji Memorial Societys	Maharashtra	Western/WRO
515	IC201912671	All India Shri Shivaji Memorial Societys College of Engineering	Maharashtra	Western/WRO
516	IC201912891	All India Shri Shivaji Memorial Society's Institute of Information Technology	Maharashtra	Western/WRO
517	IC202115522	Amrutvahini Sheti & Vikas Santhas Amrutvahini College of Engineering	Maharashtra	Western/WRO
518	IC202216697	Anekant Education Societys	Maharashtra	Western/WRO
519	IC202014348	ANJUMAN-I-ISLAM SCHOOL OF ENGINEERING AND TECHNOLOGY ATANJUMAN-I-ISLAM KALSEKAR TECHNICAL	Maharashtra	Western/WRO
520	IC201912756	Aravind Gavali College of Engineering	Maharashtra	Western/WRO
521	IC201811217	Atharva Educational Trusts College of Engineering	Maharashtra	Western/WRO
522	IC201811186	Audyogik Tantra Shikshan Sansthas Institute of Industrial and Computer Management and Research	Maharashtra	Western/WRO
523	IC201810385	Bajaj College of Science	Maharashtra	Western/WRO
524	IC202115835	Bansilal Ramnath Agarwal Charitable Trusts Vishwakarma College of Arts Science and Commerce College	Maharashtra	Western/WRO
525	IC201912327	Bapura Deshmukh Engineering College	Maharashtra	Western/WRO
526	IC201912867	Bharati Vidyapeeth's College of Engineering	Maharashtra	Western/WRO
527	IC202013067	Bharati Vidyapeeths Institute of Management Studies & Research	Maharashtra	Western/WRO
528	IC201810817	C.U.Shah College of Pharmacy	Maharashtra	Western/WRO
529	IC202014711	Christ Institute of Management	Maharashtra	Western/WRO
530	IC202015409	College of Ayurved	Maharashtra	Western/WRO
531	IC201810544	College of Engineering	Maharashtra	Western/WRO
532	IC202115693	COLLEGE OF PHARMACY JULE SOLAPUR	Maharashtra	Western/WRO



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### SPONSORSHIP LETTER

This is to certify that following final year engineering students of B-TECH Mechanical course of Bharti Vidyapeeth College of Engineering Kolhapur are Sponsored for following project in our organization for academic year 2021-2022.

Title of Project

**"Design and Fabricate Affordable Electrical Vehicle for Handicap"**

Sr. No.	Name
1.	Sandesh P. Pote
2.	Ankur R. Yadav
3.	Rahul V. Yedage
4.	Omkar S. Patil
5.	Aniket S. Raut

Sr. No.	Name
1.	Akash M. Phadtare
2.	Saklen F. Shikalgar
3.	Abhijit S. Patil
4.	Rushikesh T. Pol
5.	Abhishekh S. Nale

#### Terms and Conditions:

1. Students are required to work Sincerely on the project and complete the same in stipulate time.
2. Necessary Infrastructure and technical facilities will be provided by the company.





10.1 Project cost-

Sr.No.	Components	Quantity	Cost	Total Cost
1	Steering Mechanism	1	5000/-	5000/-
2	Fabrication work of vehicle frame	1	12500/-	12500/-
3	wheelchair	1	5000/-	5000/-
4	Battery	1	22300/-	22300/-
5	Hub Motor	1	15000/-	15000/-
6	Controller	1	2900/-	2900/-
7	Converter	1	600/-	600/-
8	Charger	1	6000/-	6000/-
9	Throttle	1	440/-	440/-
10	Suspension System	2	1000/-	1000/-
11	Electrical Warring	1	3000/-	3000/-
12	Paint	2	460/-	460/-
	<b>Total (Approx.)</b>			<b>74200/-</b>



# OM NAVNATH DIESELS

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Specialist in all type of Engines Spares & Services, AMC, Top & Major overhauling.  
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Ph: 7218488092 Email :- [ondshivaji@gmail.com](mailto:ondshivaji@gmail.com)

Ref. No.:- OND/ /17-18

Date:- 28 dec 2021

To,  
The principal,  
Bharati Vidyapeeth's Collage of Engineering,  
Kolhapur.

Subject: Regarding the sponsorship for academic project.

Respected Sir,

this is to inform you that the project kinetic energy recovery system is helpful to save energy and we would like to sponsor the project.

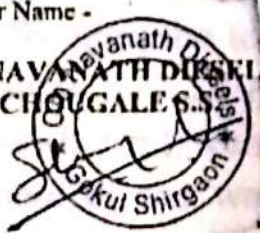
Students Working on this project are --

1. Hajare Ajinkya. V
2. Pangaleomkar. S
3. Patil Prathmesh. S
4. Sourabh Shirgave. B
5. Ittishamuddin Patek. S

Thank You

Sponsor Name -

OM NAVNATH DIESELS,  
CHUGALE S.S.



## Kinetic Energy Recovery System 2021-22

- **Miscellaneous Cost :**

Operation	Cost (Rs)
Sawing	200
Welding	380
Total	580

- **Cost Of Purchase Parts :**

Sr.No.	Description	Qty.	Cost
1.	Bearing 6003	01	252
2.	Motor	01	875
3.	BELT	02	410
4.	Pulley	01	180

The cost of purchase parts = Rs 1717/-

- **Total Cost :**

Total Cost = Raw Material Cost + Machine Cost + Miscellaneous Cost

+ cost of Purchased Parts

= Rs. 5892/-

**Hence the total cost of machine = Rs. 5892/-**





Date

### SPONSARSHIP LETEER

This is to certify that following final year engineering students of B-TECH Mechanical course of Bharti Vidyapeeth's college of Engineering Kolhapur are Sponsored for following project in our organisation for academic year 2021-2022

Title Of Project: design and development of Humidity Controller  
For privantation of microbllogical spoilage in vegetables.

Name of students:

Sr no	Name
1	Arjun M Shedage
2	Pratik P Sathe
3	Sanket S Kumbhar
4	Sourabh Anandrao Patil
5	Sairaj S Patil

T&C

1 Students are required to work Sincerely on the project and complete the same in stipulate time

2 Necessary Infrastructure and technical facilities will be provided by the company

Tulsi Agro Processor  
Seal & signature



+91 9766929646



[www.tulsiagro.com](http://www.tulsiagro.com)



Gate no 223, Near Ramrao Karm college  
Indoli (pur), Dist. Ra. 415109

## 6.5 COST ESTIMATING:

Sr.No	Name of part	Quantity	Price
1)	Exhaust Fan	1	3500
2)	Mixing Fan	2	7000
3)	M/S sheet	Squire/mt	20000
4)	M/S Ducting	Squire/mt	15000
5)	GI Sheet	Squire/mt	15000
6)	Glasswool material	35 kg	10000
7)	Electric Panel	1	12000
8)	Humidity sensor	1	3000
9)	Thermocouple	1	1700
10)	Door Locking Pair	2	2600
11)	Safety Guard motor	2	2000
12)	Powder Coating	2kg	10000
	Total		101800/-

Table No. 1



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Shop no 2, Near Kalepadal Railway

Gate, Kalepadal, Hadapsar, Pune-411028

To,

The Principal

Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial Assistance for the project titled "Automatic Luggage Storage System".

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Electronics and Telecommunication Engineering department which is titled "Automatic Luggage Storage System" with maximum amount/ expenses of Rs.25,000/- (Rs. Twenty Five Thousand Only). The sponsorship will be in terms of purchase of electronics component, Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-2022 only. The duration for completion of project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of Dr. Sanjay Shamrao Pawar, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- Ms. Sneha Dhanaajirao Pawar
- Ms. Apurva Raghunath Patil
- Ms. Kishori Arvind Patil

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards

SARTAJ KHAN

S. Khan.



# Tuljai Hospital

Shahunagar parite, Karveer Nagar, Bhogavati Kolhapur, Maharashtra -416211  
(Opp, Bhogawati Petrol Pump)

Dr. Sadanand K. Teli.

MBBS D.G.O DFD

Date: 06/12/2021

To,

The Principal

Bharati Vidyapeeth's College of Engineering, Kolhapur

**Subject: Financial Assistance for the project titled "Red Wings: A Central Repository for Blood Donations".**

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Computer Science and Engineering department which is titled "**Red Wings: A Central Repository for Blood Donations**"." with maximum amount/ expenses of **Rs.25, 000/- (Rs. Twenty Five Thousand Only)**. The sponsorship will be in terms of softwares, devices, High testing and expert resources or workshop needed for project. The sanctioned amount is to be utilized for the above project and during the academic year 2021-2022 only. The duration for completion of above project will be one year. Kindly allow the following group of students to work under the Guidance/ Principal investigator of Mrs. P. R. Patil Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur. Name of Students:

1. Mr. Pratik S Kakade
2. Mr. Pavan U Koli
3. Ms. Shweta S Patil
4. Mr. Yash S Sahare
5. Ms. Shruuti B Sankeshware

Kindly consider letter as sanction letter,

Thanks and Regards



Dr. Sadanand K. Teli.

Tuljai Hospital



To,  
The Principal  
Bharati Vidyapeeth's College of Engineering, Kolhapur

**Subject: Financial Assistance for the project titled “Chetna An ML Based Application for Children with Development Disabilities”**

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Computer Science and Engineering department which is titled “Chetna An ML Based Application for Children with Development Disabilities ”with maximum amount/ expenses of **Rs.18,000/- (Rs. Eighteen Thousand Only).**

The sponsorship will be in terms of software's, devices, high testing and expert resources or workshop needed for project. The sanctioned amount is to be utilized for the above project and during the academic year 2021-2022 only. The duration for completion of above project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of Mrs. S.M. Mulla Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

Name of Students:

1. Ms Manali M Joshi
2. Ms Anushka S Kamat
3. Ms. Shital A Mote
4. Ms. Ujvala P Niroli
5. Ms.Sharayu S Patil

Kindly consider letter as sanction letter, this is for your kind information and further needful

Thanks and Regards

(Mr .Pawan Khebudkar)  
Executive President  
Chetna Apangmatt Vikas Sanstha  
Kolhapur



# TIRUPATI ENTERPRISES

Reg. Off. :F - 7, Sankalp Apartment, Bhoir Colony, Chinchwad,  
Pune -33. ☎:(020) 2745 9225 Email-tirupatipune@yahoo.co.in  
Branch Off.: Office No. 101, Rhea Apartment, 5, Aundh-Khadki  
Road, Khadki, Pune-20 ☎:(020) 25812252 Mob: 9890281157

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Dealers for all types of Electrical & Electronics goods

REF No. TE/LAT/2021-22/08

Date: 2/11/2021

To,  
The Principal  
Bharati Vidyapeeth's College of Engineering, Kolhapur

**Subject: Financial Assistance for the project titled "Educational Website".**

Dear Sir,

This is to inform that we are sponsoring the final year student project guided by **Dr. J.K.Patil** Associate professor of Electronics and Telecommunication Engineering department titled **"Educational Website"** with amount of **Rs.46, 000/- (Rs. Forty Six Thousand Only)** with the expectation that the sanctioned amount is to be utilized for the above project and during the academic year 2021-2022 only.

**Name of Students working on project:**

1. Mr. Niranjan Rajiv Sawant
2. Mr. Mohammad Umar Faruk Nadaf
3. Ms. Kasturi Girish Fadate

This is for your kind information and further needful action

Thanking you.  
Yours faithfully,



**(FOR TIRUPATI ENTERPRISES).**

Jaydip B. Shelke  
9890281157

(Email: tirupatipune@yahoo.co.in)



Ref. : BVDU/AJ0/2022-23/4061

Date: 9/1/2023

The Director  
Institute of Management,  
Kolhapur

Sir,

Based on the recommendations of the Committee constituted for assessment of research proposals submitted for financial assistance for minor research project submitted by faculty members Hon'ble Vice Chancellor has accorded his sanction as per list attached.

You are requested to disburse the amount.

Hon'ble Vice Chancellor has also instructed that the above said Committee should quarterly evaluate the progress of the research projects and notify the outcome to the University.

Yours sincerely,

*G. Jayakumar*  
(G. Jayakumar)  
Registrar

Copy to:

The Dean,  
Faculty of Management Studies  
Institute of Management  
& Entrepreneurship Development  
Pune 411038

50/11/23

Bharati Vidyapeeth  
(Deemed to be University)  
Institute of Management, Kolhapur.  
Inward No. 520 Date: 16/1/23



Sr. No.	Research Proposal by Principal Investigator	Co-Investigator	Title of the Research Project	Sanctioned Amount in Rs.
1	Dr. K. M. Alaskar	Dr. F. A. Tamboli	Use of Artificial Intelligence (AI) to Find Implication of Ramdhan Fasting for Human Health Care	43200.00
2	Dr. M. A. Kulkarni	Dr. K. R. Desai	Study of Factors Affecting on Flood Situation in Kolhapur City Region and Developing an IOT based System for Water Level Management in Dam and River	75000.00
3	Dr. B. V. Patil		Nifty 50 and Risk Returns Strategies : A Study Based on Machine Learning Through Auto Regression Model	30000.00
4	Dr. D. M. Gala		A Study on Measurement of Socio-economic Status (SES) Score of Mompreneurs with Special Reference to Sangli District	50000.00
5	Mr. N. K. Nrip (pursing Ph. D.)	Dr. Rajesh Kanthe	Design & Development of E-School (Virtual Learning Platform) for Teaching and Learning	50000.00





# PATIL CONSTRUCTION

Builder and designer

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Dhamani Road, Sangli, Maharashtra 416415

Email ID: patilconstruction@gmail.com

Ref: 815/2021

Date: 27/08/2021

To,  
The Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial assistance for the project titled "EXPERIMENTAL STUDY OF HYBRID STEEL, POLYPROPYLENE FIBRE REINFORCED CONCRETE"

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled titled "EXPERIMENTAL STUDY OF HYBRID STEEL, POLYPROPYLENE FIBRE REINFORCED CONCRETE" with maximum amount/ expenses of Rs.13,000/- (Rs. Thirteen Thousand Only). The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-22 only. The duration for completion of project will be one year. Kindly allow the following group of students to work under the Guidance/ Principal investigator of M.M.MORE, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- 1 Gholap Shraddha Gautam
- 2 Kakade Ravindra Manohar
- 3 Khot Shivani Bajirao
- 4 Mujawar Mohammad Asim Naushad

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards

Proprietor





REF NO: 314/2021

DATE: 18/07/2021

To,  
The Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: Financial assistance for the project titled **COMPARATIVE STUDY ON STRENGTH ENHANCEMENT OF CONCRETE USING RUBBER CRUMB, MAGNETIZED AND NORMAL WATER.**

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled **COMPARATIVE STUDY ON STRENGTH ENHANCEMENT OF CONCRETE USING RUBBER CRUMB, MAGNETIZED AND NORMAL WATER.** With maximum amount/ expenses of **Rs.15,000/- (Rs. Fifteen Thousand Only)**. The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-22 only. The duration for completion of project will be one year. Kindly allow the following group of students to work under the Guidance/ Principal investigator of P.J.Jadhav, Assistant professor Bharati Vidyapeeth's College of Engineering, and Kolhapur.

- 1 Mahajan Gaurav Ramesh
- 2 Adnaik Ayush Yashwant
- 3 Sawant Gaurav Balaso

Kindly consider this as sanction letter; this is for your information and further needful action  
Thanks and Regards

Proprietor





# TIRUPATI ENTERPRISES

Reg. Off. :F - 7, Sankalp Apartment, Bhoir Colony, Chinchwad, Pune -33. ☎:(020) 2745 9225 Email-tirupatipune@yahoo.co.in  
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Dealers for all types of Electrical & Electronics goods

REF No. TE/LAT/2021-22/11

Date: 11/10/2021

To,  
The Principal  
Bharati Vidyapeeth's College of Engineering, Kolhapur

**Subject: Financial Assistance for the project titled "VOICE BASED DISPLAYING BOARD FOR PUBLIC AREA".**

Dear Sir,

This is to inform that our company is providing permission for doing project of final year student of Electronics and Telecommunication Engineering department which is titled **"Voice Based Displaying board for public area"** with maximum amount/ expenses of **Rs.46,200/- Rs. Forty Six Thousand Two Hundred Only.** As per the policy we provide good resources and material for successful completion of project during the academic year 2021-2022.

Following students will be working on project

1. Ms. Pratiksha Vijay Naik
2. Ms. Prajakta Ramchandra Desai
3. Ms. Aishwarya Narayan Powar

Under the Guidance/ Principal investigator: Ms. Priyadarshani S.Mali, Assistant Professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

Thanking you.  
Yours faithfully,



(FOR TIRUPATI ENTERPRISES).  
Jaydip B. Shelke  
9890281157  
(Email: tirupatipune@yahoo.co.in)

REF NO: 314/2021

DATE: 18/07/2021

To,  
The Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: Financial assistance for the project titled 'CONTRIBUTION OF ENCASED U-SHAPED AND FULLY WRAPPED WELDED WIRE MESH STRIPS IN RCC RECTANGULAR BEAM UNDER PURE TORSION.'

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled 'CONTRIBUTION OF ENCASED U-SHAPED AND FULLY WRAPPED WELDED WIRE MESH STRIPS IN RCC RECTANGULAR BEAM UNDER PURE TORSION.'. With maximum amount/ expenses of Rs.14, 000/- (Rs. Fourteen Thousand Only). The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-22 only. The duration for completion of project will be one year. Kindly allow the following group of students to work under the Guidance/ Principal investigator of V.V.Mane, Assistant professor Bharati Vidyapeeth's College of Engineering, and Kolhapur.

- 1 Jadhwar Suraj Dattatray
- 2 Magdum Satyajeet Shivaji
- 3 Mulla Muntajir Mushtaq
- 4 Patil Anup Bapusaheb

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards



Proprietor



Ref: 101/2021

Date: 18/08/2021

To,  
The Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial assistance for the project titled "**EXPERIMENTAL STUDY OF HIGH PERFORMANCE CONCRETE WITH RICE HUSK ASH AND ARTIFICIAL SAND**"

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled "**EXPERIMENTAL STUDY OF HIGH PERFORMANCE CONCRETE WITH RICE HUSK ASH AND ARTIFICIAL SAND**" with maximum amount/ expenses of **Rs.15,000/- (Rs. Fifteen Thousand Only)**. The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-22 only. The duration for completion of project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of S.S.KOTWAL, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- 1 Bhosale Chintamani Ashok
- 2 Gharal Omkar Anil
- 3 Kolhapure Aniket Nandkumar
- 4 Vankudre Ruturaj Chandrakant
- 5 Yadav Rushikesh Shivaji

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards

Proprietor





**C&J CONSTRUCTION LLC**

ROOFING AND SHEETMETAL

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Mumbai, Maharashtra 400008

Email ID: [Cjconstruction@gmail.com](mailto:Cjconstruction@gmail.com)

Ref: 214/2021

Date: 11/08/2021

To,  
The Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial assistance for the project titled **"ENCASEMENT OF INCLINED U-SHAPED AND FULLY SIDED WELDED WIREMESH STRIPS FOR RECTANGULAR BEAM UNDER PURE TORSION"**

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled titled "ENCASEMENT OF INCLINED U-SHAPED AND FULLY SIDED WELDED WIREMESH STRIPS FOR RECTANGULAR BEAM UNDER PURE TORSION" with maximum amount/ expenses of **Rs.15,000/- (Rs. Fifteen Thousand Only)**. The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2021-22 only. The duration for completion of project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of V.V.Mame, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- 1 Gadgil Aniket Ratan
- 2 Jadhav Pranav Sunil
- 3 Karande Prathamesh Amol
- 4 Kumbhar Siddharth Shashikant
- 5 Magadam Amitkumar Dileep

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards

Proprietor



# TIRUPATI ENTERPRISES

Reg. Off. : F - 7, Sankalp Apartment, Bhoir Colony, Chinchwad, Pune -33. ☎:(020) 2745 9225 Email-tirupatipune@yahoo.co.in  
Branch Off.: Office No. 101, Rhea Apartment, 5, Aundh-Khadki Road, Khadki, Pune-20 ☎:(020) 25812252 Mob: 9890281157

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Dealers for all types of Electrical & Electronics goods

REF No. TE/LAT/2021-22/011

Date: 2/11/2021

The Principal

Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: "IOT IV Monitoring And Alert System".

Dear Sir,

This is to inform that we are sponsoring the final year student project guided by **Dr. K. R Desai** professor of Electronics and Telecommunication Engineering department titled "**IOT IV Monitoring And Alert System**" with amount of **Rs.40,000/- (Rs. Forty Thousand Only)** with the expectation that the sanctioned amount is to be utilized for the above project and during the academic year 2021-2022 only.

Name of Student working on project:

1. Ms. ANURADHA SHIVARAJ PATIL
2. Ms. APURVA AN IRUDHA JAWADEKAR
3. Ms. AISHWARYA IITENDRA PIMPALGAONKAR

This is for your kind information and further needful action

Thanking you.

Yours faithfully,



(FOR TIRUPATI ENTERPRISES).

Jaydip B. Shelke

9890281157

(Email: tirupatipune@yahoo.co.in)