

# **K. D. K. College of Engineering, Nagpur**

## **Summary of Consultancy Projects for last 5 years**

**(2021-22 To 2025-26)**

<b>Sr. No.</b>	<b>Branch</b>	<b>No. of Research projects</b>	<b>Amount Rs.</b>
1	Civil Engineering	25	33,61,383/-
2	Mechanical Engineering	15	27,81,000/-
3	Electrical Engineering	05	2,97,726/-
4	Information Technology	02	73,000/-
5	Computer Science and Engineering	05	1,52,000/-
6	Electronics and Telecommunication	06	1,37,000/-
7	Basic Science & Humanities	02	40,000/-
<b>Total</b>		<b>60</b>	<b>68,42,109/-</b>

# K. D. K. College of Engineering, Nagpur

**2025-2026**

Grants received from Government and non-governmental agencies for consultancy projects / endowments in the institution during the year (INR in Lakhs) 2025-2026							
Number of departments having <b>Consultancy projects</b> funded by government and non government agencies during the year							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned Rs.	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Concrete Cube Testing , Tests on fine and coarse Aggregates and Soil investigation at Mauda sport complex, Mauda	Dr.S.R. Satone	Civil Engineering	2025-26	64,500	1 Yr	M/S Shrivastav & Associates	Non-Government
Academic Support extended for the activities conducted	Dr.S.R. Satone	Civil Engineering	2025-26	50,000	1 Yr	Civil Guruji Training Institute, Bhilai, Chhattisgarh, India	Non-Government
Enactment of Solar-Powered Water Fountain	Dr. S.S. Ambekar	Electrical Engineering	KDKCE /Dated 02/12/2025	40,000/-	1 year s	K.D.K. College of Engineering, Nagpur	Non-Government
Design, Development and Fabrication of Concrete Pan Mixer	Dr.A.V. Vanalkar Prof.M.N.Umare	Mechanical Engineering Civil Engineering	2025-26	12,00,000/-	8 months	Harsh Industries r	Non-Government
Total				13,54,500/-			

Date:- 02-12-2025

To,

The Principal  
K. D. K. College of Engineering  
Nagpur

**Subject: Sanction of seed Money for the Project Titled "Enactment of Solar-Powered Water Fountain"**

Respected Sir,

We wish to undertake project titled "Enactment of Solar-Powered Water Fountain."

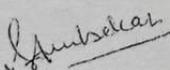
The objective of project is to develop a sustainable, energy-efficient and aesthetically appealing decorative water fountain system powered entirely by solar energy, promoting the use of renewable energy on campus and serving as a live demonstration model for green technology.

The major component required for successful completion of the prototype is a suitable hybrid submersible pump/motor along with necessary accessories. The estimated cost for procuring the Hybrid Motor along with necessary accessories is ₹40,000.

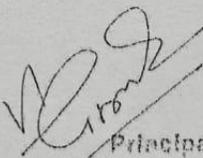
I request you to kindly approve and sanction the project and tentative expenses to be incurred for procurement of necessary components. We shall be highly obliged if the amount is sanctioned at the earliest so that we can initiate procurement and ensure timely completion of the project.

Thanking you in anticipation.

Sincerely,

  
Dr. S. S. Ambekar  
Professor and Head,  
Department of Electrical Engineering  
K. D. K. College of Engineering, Nagpur

*For Submitted for n/a sanction*

  
Principal  
K. D. K. College of Engg.  
NAGPUR

*28  
3-12-2025*

### Tax Invoice

<b>SHRIJEE ENTERPRISE</b> Unit Number - 1, SAI INDUSTRIAL ESTATE -2 TP Scheme Num - 243 Near SP Ring Road, Ranasan, Gandhinagar UDYAM : UDYAM-GJ-09-0007927 (Micro) GSTIN/UIN: 24ADXFS3792B1ZO State Name : Gujarat, Code : 24 E-Mail : shreejenterprise004@gmail.com Consignee (Ship to) <b>K D K Collage of Engineering</b> Great Nag Road, Nandanvan Nagpur-440024 State Name : Maharashtra, Code : 27 Buyer (Bill to) <b>K D K Collage of Engineering</b> Great Nag Road, Nandanvan Nagpur-440024 State Name : Maharashtra, Code : 27	Invoice No. <b>527</b> Dated <b>21-Jan-26</b> Delivery Note Mode/Terms of Payment Reference No. & Date. Other References Buyer's Order No. Dated Dispatch Doc No. Delivery Note Date Dispatched through Destination Terms of Delivery
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Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	<b>5 HP Submersible Pump</b> <i>5 HP Solar Hybrid Openwell Pump and Motor</i>	84137096	1 Nos	26,000.00	Nos	<b>26,000.00</b>
	<b>IGST</b>					<b>4,680.00</b>
Total			1 Nos			<b>₹ 30,680.00</b>

Amount Chargeable (in words) E. & O.E  
**INR Thirty Thousand Six Hundred Eighty Only**

HSN/SAC	Taxable Value	IGST		Total Tax Amount
		Rate	Amount	
84137096	26,000.00	18%	4,680.00	4,680.00
<b>Total</b>	<b>26,000.00</b>		<b>4,680.00</b>	<b>4,680.00</b>

Tax Amount (in words) : **INR Four Thousand Six Hundred Eighty Only**  
 Company's PAN : **ADXFS3792B**

Declaration  
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for **SHRIJEE ENTERPRISE**  
 Authorised Signatory

This is a Computer Generated Invoice

Ref. No. HI/CON/CPM/25-26/01

# HARSH

HARSH INDUSTRIES  
Plot 287, Gunjar Apartment, WHC  
Road, Laxminagar, Nagpur. (M.S.)  
Pin - 440022. Mob. 9372016243  
harshindustries1030@gmail.com

## Work Allocation Letter

To,  
The Principal,  
K.D.K.College of Engineering,  
Great Nag Road, Nandanvan, Nagpur

Reference : With reference to our signed Memorandum of Understanding (MOU)

Subject : To undertake a Consultancy project of **Design, Development and Fabrication of Concrete Pan Mixer**

R/Sir,

As we have already signed a Memorandum of Understanding (MOU) with your esteemed organization i.e. K.D.K. College of Engineering, Nagpur I would like to request you to undertake an activity of Consultancy project of **Design, Development and Fabrication of Concrete Pan Mixer**

As per our previous discussion the cost of project is **Rs.12,00,000/- (Rs.Twelve Lakh only)**. I am going to pay **Rs.5,00,000/- (Rs.Five Lakh only)** as your Consultancy charges. I have handed over a cheque of **Rs.50,000/- (Rupees Fifty Thousand only)** as an advance payment by cheque of **Bank of Baroda, S.A.Road, Nagpur** vide cheque No.000150 dated 23/06/2025 in favour of **Principal, K.D.K.College of Engineering** and remaining amount **Rs.4,50,000/- (Rs.Four Lakh and Fifty Thousand only)** I will give from time to time as the project work progress. You have to complete this Concrete Pan Mixer in 2 (two) months from today.

Deliverables of the **Design, Development and Fabrication of Concrete Pan Mixer** should be – (1) Working Concrete Pan Mixer. (2) Dimension 4 m x 2 m x 3 m (3) Weight of the model should be minimum and it should be portable (4) System should be safe (5) The system should be handled conveniently.

Kindly do the needful in this regard.

Thanking you,

Nagpur  
Date : 01/07/2025



Your's faithfully,

(Mrs.Shaila Verma)  
Proprietor, Harsh Industries

## 2024-25

Grants received from Government and non-governmental agencies for consultancy projects / endowments in the institution during the year (INR in Lakhs) 2024-25								
Number of departments having <b>Consultancy projects</b> funded by government and non government agencies during the year								
Sr. No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigat or	Depart ment of Princip al Investi gator	Year of Award	Amount Sanctione d Rs.	Dura tion of the proje ct	Name of the Funding Agency	Type (Gove rnmen t/non-Gover nment )
1	Academic Support extended for the activities conducted	Dr.S.R. Satone	Civil Engine ering	2024-25	3,00,000/-	1 Yr	Civil Guruji Training Institute, Bhilai, Chhattisgarh , India	Non-govern ment
2	Design, Development and Fabrication of Working Model of Excavator in 1:10 ratio	Dr.A.V. Vanalkar	Mecha nical Engine ering	2024-25	4,30,000/-	6 mont hs	Harsh Industries, Nagpur	Non-govern ment
3	Design, Development and fabrication of Manganese Slurry lifting flexible spring conveyor	Dr.A.V. Vanalkar	Mecha nical Engine ering	2024-25	1,00,000/-	6 mont hs	Harsh Industries, Nagpur	Non-govern ment
4	Equipment for solar operated Fountain	Dr. S.S. Ambekar	Electric al Engine ering	KDKCE/437 and 438/ Dated 25/03/2025	1,22,226/-	1 year	K.D.K. College of Engineerin g, Nagpur	Non-Gover nment
Total Amount					9,52,226/-			

Ref. No.:- HI/Con/24-25

# HARSH

HARSH INDUSTRIES  
Plot 287, Gunjar Apartment, WHC  
Road, Laxminagar, Nagpur. (M.S.)  
Pin - 440022. Mob. 9372016243  
harshindustries1030@gmail.com

## Work Allocation Letter

To,  
The Principal,  
K.D.K.College of Engineering,  
Great Nag Road, Nandanvan, Nagpur

Reference : With reference to our signed Memorandum of Understanding (MOU)

Subject : To undertake a Consultancy project of **Design, Development and Fabrication of Working Model of Excavator in 1:10 ratio**

R/Sir,

As we have already signed a Memorandum of Understanding (MOU) with your esteemed organization i.e. K.D.K. College of Engineering, Nagpur I would like to request you to undertake an activity of Consultancy project of **Design, Development and Fabrication of Working Model of Excavator in 1:10 ratio**

As per our previous discussion the cost of project is **Rs.4,30,000/- (Rs.Four Lakh and Thirty Thousand only)**. Today, I am going to pay you **Rs.1,00,000/- (Rupees One Lakh only)** as an advance payment by cheque of **Bank of Baroda, S.A.Road, Nagpur** vide cheque No.000147 dated **22/10/2024** in favour of **Principal, K.D.K.College of Engineering, Rs.90,000/-** will be my contribution. Remaining amount **Rs.2,40,000/- (Rs.Two Lakh and Forty Thousand only)** I will give at the time of delivery after completion of work. You have to complete this working model of excavator in 4 (four) months from today.

Deliverables of the **Design, Development and Fabrication of Working Model of Excavator in 1:10 ratio** should be – (1) Working Excavator model. (2) Dimension 3ft x 2 ft x 2 ft (3) It should battery and remote controlled operated (4) Weight of the model should be minimum and it should be portable (5) System should be safe (6) The model should be handled conveniently by any person.

Kindly do the needful in this regard.

Thanking you,

Nagpur  
Date : 18/10/2024



Your's faithfully,

*Shaila*  
(Mrs.Shaila Verma)  
Proprietor, Harsh Industries

# HARSH

HARSH INDUSTRIES  
Plot 287, Gunjar Apartment, WHC  
Road, Laxminagar, Nagpur. (M.S.)  
Pin - 440022. Mob. 9372016243  
harshindustries1030@gmail.com

Ref.No.: Hi/CON/FSC/2024-25/05

## Work Allocation Letter

To,  
The Principal,  
K.D.K.College of Engineering,  
Great Nag Road, Nandanvan, Nagpur

Reference : With reference to our signed Memorandum of Understanding (MOU)

Subject : To undertake a Consultancy project of **Design and Development of Manganese Slurry Lifting Flexible Screw and spring conveyor system used in MOIL**

R/Sir,

As we have already signed a Memorandum of Understanding (MOU) with your esteemed organization i.e. K.D.K. College of Engineering, Nagpur I would like to request you to undertake an activity of Consultancy project of **Design and Development of Manganese Slurry Lifting Flexible Screw and spring conveyor system used in MOIL**

As per our previous discussion the cost of project is **Rs.1,00,000/- (Rs.One Lakh only)**. Today I am paying you **Rs.25,000/- (Rs.Twenty Five only)** as your Consultancy charges by cheque of **Bank of Baroda, S.A.Road, Nagpur** vide cheque No.000149 dated 24/05/2025 in favour of **Principal, K.D.K.College of Engineering**. You have to complete this Flexible Conveyor in 2 (two) months from today.

Kindly do the needful in this regard.

Thanking you,

Nagpur  
Date : 20/05/2025

Your's faithfully,

(Mrs.Shaila Verma)  
Proprietor, Harsh Industries



Backward Class Youth Relief Committee's

## K. D. K. COLLEGE OF ENGINEERING

Great Nag Road, Nandanvan, Nagpur – 440024.

(An Autonomous Institute w.e.f. 2024-25)

Accredited by NAAC & NBA (5 Programs)

Approved by AICTE New Delhi, Directorate of Technical Education, M.S. Mumbai  
& Affiliated to R.T.M. Nagpur University, Nagpur.

Ph.No. : (0712) 2711400, 2710030, Fax : (0712) 2713658

Email : kdkce4147@gmail.com; Web Site : www.kdkce.edu.in

D.T.E.  
College Code  
4147

Dr. Valsson P. Varghese  
Principal

Dr. Avinash M. Badar  
Vice Principal

**VISION : Service to the Society Through Quality Technical Education**

Ref. No.: KDKCE/487/2024-25

Date : 25/03/2024

To,  
OM SAI RAM ENTERPRISES.  
Near Dr.A.V Joshi Clinic,  
Khadgaon Road,  
Kohale Layout,  
Wadi.  
Nagpur- 440023.

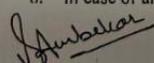
Sir,

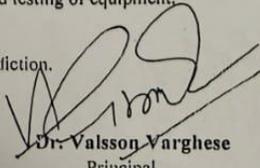
Vide your quotation (Reference no : 15 Date : 24/03/2025) and subsequent negotiation on your quoted rates you are asked to supply the following equipment for, K.D.K. College of Engineering, Nagpur (MH)-440024.

Sr. No.	Name of Equipment with specification	Make	Rate (In Rs.)	Quantity	Amount (In Rs.)
01	550Wp Bifacial Panel Model- Non DCR	Kirloskar	9,570	9.00	86,130.00
Amount (In Rs.)					86,130.00
6% CGST (In Rs.)					5,167.80
6% SGST (In Rs.)					5,167.80
Grand Total (In Rs.)					96,465.60
Round up Grand Total					96,466.00
(Ninety Six Thousand Four Hundred And Sixty Six Rupees Only)					

### Terms & Condition:-

1. Price: F.O.R. Nagpur at our College Premise KDK College of Engineering Nandanvan, Nagpur.(MH)
2. The Grand total is inclusive of all taxes.
3. Payment: 100 % against delivery, successfully installation, and testing of equipment.
4. Warranty: As per data sheet
5. Delivery: Within **three days** from the date of order.
6. In case of any disputes the matter shall be under Nagpur jurisdiction.

  
Dr. (Mrs.) S. S. Ambekar  
Principal  
Department of Electrical Engg.  
KDK College of Engg. Nagpur

  
Dr. Valsson P. Varghese  
Principal  
KDKCE, Nagpur  
Dr. Valsson P. Varghese  
Principal  
K.D.K. College of Engineering,  
Nagpur

Backward Class Youth Relief Committee's

D.T.E.  
College Cod  
4147

# K. D. K. COLLEGE OF ENGINEERING

Great Nag Road, Nandanvan, Nagpur – 440024.  
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& Affiliated to R.T.M. Nagpur University, Nagpur.

Ph.No. : (0712) 2711400, 2710030, Fax : (0712) 2713658

Email : kdkce4147@gmail.com; Web Site : www.kdkce.edu.in

Dr. Valsson P. Varghese  
Principal

Dr. Avinash M. Badar  
Vice Principal

**VISION : Service to the Society Through Quality Technical Education**

Ref. No.: KDKCE/438/2024-25

Date : 25/03/2024

To,  
PARKS Engineering Services.  
800, Umred Road, Near Shree Hospital,  
Opp. SBI Sakkardhara Branch,  
Sakkardhara,  
Nagpur- 440009.

Sir,

Vide your quotation (Reference no : TF 24-25/ 0303 Date : 13/03/2025) and subsequent negotiation on your quoted rates you are asked to supply the following equipment for, K.D.K. College of Engineering, Nagpur (MH)-440024.

Sr. No.	Name of Equipment with specification	Make	Rate (In Rs.)	Quantity	Amount (In Rs.)
01	Solar VFD :- VSR48-013 5.5 kW 13 Amp with Panel, Main MCB, DC MCB, Changeover Switch.	C.G	23,000	01	23,000.00
Amount (In Rs.)					23,000.00
12% GST (In Rs.)					2,760.00
Grand Total (In Rs.)					25,760.00
Round up Grand Total					25,760.00
(Twenty five thousand seven hundred & sixty only)					

### Terms & Condition:-

1. Price: F.O.R. Nagpur at our College Premise KDK College of Engineering Nandanvan, Nagpur.(MH)
2. The Grand total is inclusive of all taxes.
3. Payment: 100 % against delivery, successfully installation, and testing of equipment.
4. Warranty: As per data sheet
5. Delivery: Within three days from the date of order.
6. In case of any disputes the matter shall be under Nagpur Jurisdiction.

*S. S. Ambekar*  
Dr. S. S. Ambekar  
Prof. & Head, EED  
Department of Electrical Engg.  
KDK College of Engg. Nagpur

*Dr. Valsson P. Varghese*  
Dr. Valsson P. Varghese  
Principal  
KDKCE, Nagpur

Dr. Valsson P. Varghese  
Principal  
K.D.K. College of Engineering,  
Nagpur

*copy received*



## 2023-2024

Grants received from Government and non-governmental agencies for consultancy projects / endowments in the institution during the year (INR in Lakhs) 2023-2024							
Number of departments having <b>Consultancy projects</b> funded by government and non government agencies during the year							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned Rs.	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Government Substation Project	Dr.S.R. Satone	Civil Engineering	2023-24	171232	1 Yr	AI Instruments, Nagpur	Non-Government
Concrete Cube Testing	Dr.S.R. Satone	Civil Engineering	2023-24	1000	1 Yr	Saboo Construction, Gandhibagh, Nagpur	Non-Government
Consultancy of Infrastructure Development	Dr.V.D. Vaidya	Civil Engineering	2023-24	612000	1 Yr	BCYRC, Nagpur	Non-Government
Academic Support extended for the activities conducted	Dr.V.D. Vaidya	Civil Engineering	2023-24	300000	1 Yr	Civil Guruji Training Institute, Bhilai, Chhattisgarh, India	Non-Government
Design, Development of Briquette Making Machine with single mould	Dr.A.V. Vanalkar	Mechanical Engineering	2023-24	1,20,000	1 Yr	Tvara Home Appliance, Nagpur	Non-Government
Design, Development and Fabrication of Model and Prototype of	Dr.A.V. Vanalkar	Mechanical Engineering	2023-24	90,000	1 Yr	Rahul Nimje, Nagpur	Non-Government

Briquette Making Machine							
Computer Aided Design, 2D and 3D modelling of Multifunction Punching Machine/Power Press	Dr.A.V. Vanalkar	Mechanical Engineering	2023-24	30,000	1 Yr	Kalse Agro Engineering, Nagpur	Non-Government
Design and Supervision of Electrical layout plan	Prof. V.B. Hardas, Prof K.M. Dhenge, Prof. C.J. Sharma	Electrical Engineering	2023-24	73,500/-	1 yr	J.S.R. Engineers, Nagpur	Non-Government
Network Infrastructure for Data centers	Dr.S.P. Khandait Prof S.S. Ganorkar Prof. H.V. Gorewar	Information Technology	2023-24	38,000/-	1 yr	Ashwin Computers, Nagpur	Non-Government
Cyber Security	Dr.P.D. Khandait	Electronics and Telecommunication	2023-24	45,000/-	1 yr	MS IT Services-CMS, Ngp	Non-Government
Total				14,80,732/-			
				-			

## 2022-2023

Grants received from Government and non-governmental agencies for consultancy projects / endowments in the institution during the year (INR in Lakhs) 2022-2023							
Number of departments having <b>Consultancy projects</b> funded by government and non government agencies during the year							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned Rs.	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Government Substation Project	Dr.V.P.Varghese	Civil Engineering	2022-23	482559	1 yr	AI Instruments, Nagpur	Non-Government
Review of Hydraulic Design of Sewage Treatment Plant at NMRDA	Dr.V.P. Varghese	Civil Engineering	2022-23	35000	1 yr	MM Enviro Projects Pvt Ltd	Non-Government
Proof Checking for Structural design	Dr.V.P. Varghese	Civil Engineering	2022-23	1500	1 yr	Akelect Engineering, Nagpur	Non-Government
Brick Test	Dr.V.P. Varghese	Civil Engineering	2022-23	1500	1 yr	Amardeep Singh Lamba	Non-Government
Concrete specimens testing	Dr.V.P. Varghese	Civil Engineering	2022-23	10000	1 yr	Avanesh Buildcare Pvt Ltd	Non-Government
Consultancy of Infrastructure Development	Dr.V.P. Varghese	Civil Engineering	2022-23	312000	1 yr	BCYRC, Nagpur	Non-Government
Design, Development and Fabrication of Chilly Conveyor to Grinder	Dr.A.V. Vanalkar	Mechanical Engineering	2022-23	3,10,000/-	6 months	Indian Institute of Product Design	Non-Government

						and Manufacturing (IIPDM), Nagpur	
Design, Development and Fabrication of Model and Prototype of Briquette Making Machine	Dr.A.V. Vanalkar Prof.M.N.Umare	Mechanical Engineering	2022-23	35,000/-	6 months	Rahul Nimje, Nagpur	Non-Government
Block Chain Scada Quality Control for Industrial Automation	Dr.A.V. Vanalkar	Mechanical Engineering	2022-23	25,000/-	6 months	Pranjal Technologies Pvt.Ltd., Nagpur	Non-Government
Design and Fabrication of Parabolic Solar Water Heater with inbuilt Automatic Solar Tracking System	Dr.P.R. Gajbhiye	Mechanical Engineering	2022-23	35,000/-	6 months	Kalse Agro Engineering, Nagpur	Non-Government
Design of Plate Heat Exchanger for Heat Treatment Industry	Dr.A.C. Waghmare	Mechanical Engineering	2022-23	1,15,000/-	6 months	Kwality Heat Treatment, MIDC Hingana, Nagpur	Non-Government
Design and Fabrication of Mini Tiller and Multipurpose Agriculture Machine	Dr.A.V. Vanalkar	Mechanical Engineering	2022-23	50,000/-	6 months	J.S.Fabrication & Engineering Work, Nagpur	Non-Government

Design and Supervision of Electrical Layout Plan for 11kV/0.433kV,200 kV amp DP mounted transformer for R/O	Dr.S.S. Ambekar Prof. S.K. Mude Prof. C.J. Sharma	Electrical Engineering	2022-23	33,000/-	6 months	J.S.R. Engineers, Nagpur	Non-Government
Design and Supervision for electrification of layout in R/O M/S S.G.Estate, Village Panjari farm, Tahsil Nagpur (Rural) Dist. Nagpur under Khapri DC, Butibori subdivision under MIDC division	Dr.G.H. Agrawal Dr.C.S. Hiwarkar Prof.A.M. Halmare	Electrical Engineering	2022-23	29,000/-	6 months	J.S.R. Engineers, Nagpur	Non-Government
Network Infrastructure for Data centers	Dr.S.P. Khandait Prof S.S. Ganorkar Prof. H.V. Gorewar	Information Technology	2022-23	35,000/-	1 yr	Ashwin Computers, Nagpur	Non-Government
Network Infrastructure Development	Dr.A. Jaiswal Dr. S. Malode Prof.S. Gaanorkar	Computer Science Engineering	2022-23	44,000/-	1 yr	Pulse Systems, Nagpur	Non-Government
Health Care Service CRM	Dr.A. Bhange Prof S. Kurzadkar	Computer Science Engineering	2022-23	36,000/-	6 months	I.T.- Network Z Infosystems P.L.	Non-Government

Network Infrastructure	Dr.A. Jaiswal Dr. S. Malode Prof.S. Gaanorkar	Computer Science Engineering	2022-23	22,000/-	1 yr	I.T.- Network Z Infosystems P.L.	Non-Government
Detection of hazardous compounds in air	Prof.S.A. Bagal	Electronics and Telecommunication	2022-23	15,000/-	1 yr	S.S.G. Embedded systems, Nagpur	Non-Government
Control Sensor Installation and API Integration	Dr.R.A. Burange	Electronics and Telecommunication	2022-23	20,000/-	1 yr	AnkHub Tech Pvt.Ltd., Nagpur	Non-Government
IT Networking and cloud security concepts	Dr.P.D. Khandait	Electronics and Telecommunication	2022-23	30,000/-	1 yr	Saima Hi Tech, C/o MSIT Services CMS, Nagpur	Non-Government
Design Development and Fabrication of OSL Dozimeter	Dr.S.P. Wankhede	Basic Science & Humanities	2022-23	10,000/-	1 yr	Nucleonix Systems Pvt.Ltd., Hyderabad	Non-Government
Total				16,86,559/-	-		

## 2021-2022

Grants received from Government and non-governmental agencies for consultancy projects / endowments in the institution during the year (INR in Lakhs) 2021-2022							
Number of departments having <b>Consultancy projects</b> funded by government and non government agencies during the year							
Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned Rs.	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Dahegaon Camp Chain link fencing work, Testing of concrete cubes, steel bar, chain link, fence dia mass per running meter, GI Wire Dia Mass Per Running Meter	Dr.V.P. Varghese	Civil Engineering	2021-22	7600	1 yr	Forest Officer, Samudrapur, District Wardha	Non-Government
Review of Process Design of Sewage Treatment Plant at NMRDA	Dr.V.P. Varghese	Civil Engineering	2021-22	17500	1 yr	MM Enviro Projects Pvt Ltd	Non-Government
Concrete Cube Testing	Dr.V.P. Varghese	Civil Engineering	2021-22	1000	1 yr	J D Construction, Nagpur	Non-Government
Concrete Cube Testing	Dr.V.P. Varghese	Civil Engineering	2021-22	1000	1 yr	J D Construction, Nagpur	Non-Government
Academic Consultancy	Dr.V.P. Varghese	Civil Engineering	2021-22	100000	1 yr	Civil Guruji Training Institute, Bhilai, Chhattisgarh, India	Non-Government

Cement, Aggregate, Chain link wire	Dr.V.P. Varghese	Civil Engineering	2021-22	6700	1 yr	Range Forest Officer, Samudrapur, Wardha	Non-Government
Cement, Aggregate, Chain link wire	Dr.V.P. Varghese	Civil Engineering	2021-22	6700	1 yr	Range Forest Officer, Samudrapur, Wardha	Non-Government
Steel bar 8,12,16,25mm testing	Dr.V.P. Varghese	Civil Engineering	2021-22	15000	1 yr	J D Construction, Nagpur	Non-Government
Concrete Mix Design for M40 grade and Testing of Concrete Cube	Dr.V.P. Varghese	Civil Engineering	2021-22	5000	1 yr	J D Construction, Nagpur	Non-Government
Concrete Mix Design for M30 grade and Testing of Concrete Cube	Dr.V.P. Varghese	Civil Engineering	2021-22	5000	1 yr	J D Construction, Nagpur	Non-Government
Government Substation Project	Dr.V.P. Varghese	Civil Engineering	2021-22	542592	1 yr	AI Instruments, Nagpur	Non-Government
Consultancy of Infrastructure Development	Dr.V.P. Varghese	Civil Engineering	2021-22	312000	1 yr	BCYRC, Nagpur	Non-Government
Design, Development and Fabrication of Marigold Flower Petal Separating Machine – A Research lab prototype	Dr.A.V. Vanalkar	Mechanical Engineering	2021-22	17,000/-	6 months	Green Tree Solutions, Nagpur	Non-Government

Design, Development and Fabrication of Oxygen Concentrator	Dr.A.V. Vanalkar	Mechanical Engineering	2021-22	70,000/-	6 months	Indian Institute of Product Design and Manufacturing (IIPDM), Nagpur	Non-Government
Design, Development and Fabrication of Model and Prototype of Pick and Place Robot	Dr.A.V. Vanalkar	Mechanical Engineering	2021-22	1,14,000/-	6 months	Indian Institute of Product Design and Manufacturing (IIPDM), Nagpur	Non-Government
Automobile Service CRM	Dr.A. Bhange Prof S. Kurzadkar Prof A. Kuthe	Computer Science Engineering	2021-22	30,000/-	6 months	I.T.- Network Z Infosystems P.L.	Non-Government
Exam.Com	Prof A. Kuthe	Computer Science Engineering	2021-22	20,000/-	6 months	I.T.- Network Z Infosystems P.L.	Non-Government
Measurement of oil content in oil seeds	Prof.S.A. Bagal	Electronics and Telecommunication	2021-22	12,000/-	1 yr	S.S.G. Embedded systems, Nagpur	Non-Government

Content Management Services	Dr.R.A. Burange	Electronics and Telecommunication	2021-22	15,000/-	1 yr	MSIT Services, TMS (Saima Hi-Tech) Nagpur	Non-Government
Design Development and Fabrication of OSL Dozimeter	Dr.S.P. Wankhede	Basic Science & Humanities	2021-22	30,000/-	1 yr	Nucleonix Systems Pvt.Ltd., Hyderabad	Non-Government
Total				13,28,092/-	-		

**Dr. A. V. Vanalkar**

Dean R & D,

K.D.K.College of Engineering, Nagpur