# DR. RAJENDRA GODE INSTITUTE OF TECHNOLOGY AND RESEARCH, AMRAVATI



### **Institutional Distinctiveness**

- 1. Dr. Rajendra Gode Foundation Scholarship for Needy and Deserving Students
- 2. Bird Nesting and Water Pots



### Dr. Rajendra Gode Institute of Technology & Research

Mardi Road, Amravati - 444602

Approved by AICTE, DTE & Affiliated to SGBAU, Amravati & Accredited by NAAC

website: www.drgitr.com Email: principal\_coe@rediffmail.com Ph. 0721 - 2970275, 2970347



## 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Aim of the institution is to mold & encourage student in the quest of knowledge, values, social responsibility and help them to achieve the excellence in various fields there are also preparing them to face the global challenges. The institution has established it's distinctive approach towards this compressive vision through

- Dr. Rajendra Gode Foundation Scholarship for needy and deserving Students
- Bird Nesting and Water Pots

#### 1. Dr. Rajendra Gode Foundation Scholarship for needy and deserving Students

Education is an important issue in one's life. It is the key to success in the future and to have many opportunities in our life. Every student needs education to move forward in life, but due to circumstances, many cannot get education. Due to poor economic conditions, students are not able to pursue further education despite having competent intelligence. Our Institute envisioned the gap between rich & poor, and building a nation where everyone can live in security and dignity. Some of our students came from poor families where the parents are workers on a daily basis. The parents do not have enough background and knowledge to guide their wards towards a good future. For that our college Dr. Rajendra Gode College of Engineering has started Dr. Rajendra Gode Foundation Scholarship Exam for such needy students.

Our institute is organizing Dr. Rajendra Gode Foundation Scholarship Examination as a MHT-CET Practice Test named as Techno Talent Hunt Examination for 12th science aspiring students for higher technical education. The motive behind conducting such examinations is to provide financial assistance to economically backward deserving students, background of poor farmer students, deserving and needy students. The registration for the examination is free for all students and it will be based on the MHTCET Examination.

Faculty members visited the 12th science colleges for the permission of conducting the Techno Talent Hunt Examination. Faculties informed to the students about the Dr. Rajendra Gode Foundation Scholarship Examination. They delivered all the advantages of the examination to the students. Faculties registered the names of students who are interested in the examination. Faculties conducted the examination based on physics, chemistry and mathematics of 12th standard of 15 marks. After evaluating the answer sheets, the professor announced the result of the examination and. The first fifteen students from the class were felicitated



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with certificates. Students who got highest marks in the class were eligible for Rajendra Gode adoption scholarship scheme & remaining students were eligible for fees concession scholarship scheme.

#### **Objectives: -**

- To provide financial assistance to economically backward deserving students.
- It is a talent promotional programme for the economically weak students.
- To provide MHT-CET practice tests to the 12th science students.

#### Facility Provided During MHT-CET Practice Test: -

- Career counseling seminar.
- Free bus facility for the students from Amravati bus stand to DRGITR Campus.
- Free refreshment.

#### **Evidence of Success: -**

- Five hundred plus students are enrolled for the Dr. Rajendra Gode Foundation Scholarship Examination out of which many students are from rural areas.
- Students are learning time management for the MHT-CET examination.
- The successful & deserving candidates are assisted by Dr. Rajendra Gode Foundation Scholarship.





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Students solving online MHT- CET Practice Paper

Carrier counseling seminar.



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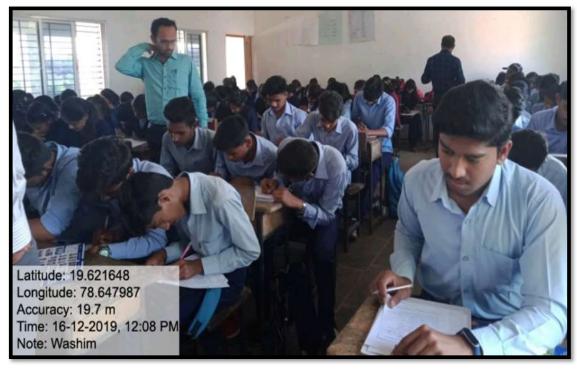






#### Carrier counseling seminar







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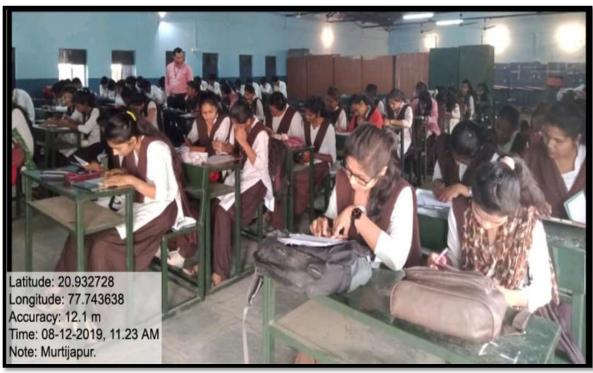






#### **Students Solving MHT-CET Practices Test**







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#### **Felicitation of Topper Student**





**Certificate Distribution to Eligible Students** 



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#### Carrier counseling seminar







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Carrier counseling seminar at Jr. Colleg



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### Dr. Rajendra Gode Institute of Technology & Research







#### Dr. Rajendra Gode Institute of Technology and Research, Amravati

		Techno Tale	ent Hunt Exc		337									
Nan	ne of Student:			Mot No.	).									
Meas all	egory:	Name of Institu	ate:	-	e: 15 min.	Max. Marks 15								
_		8-7		Mar	ks Obtaine	ed:								
A	ll questions a	re compulsor	v, write the an	swer in	given blo	cks.								
		alogen the react												
	(A) Fluorine	(B) Chlorine	(C) Bromine	(D) Io										
2.	What is the h	ybridization of c	arbon atoms in	fullerene?	?									
	(A) SP <sup>3</sup>	(B) SP	(C) SP <sup>2</sup>	(D) d	$SP^3$									
3.	Identify a 'Chemical twin' among the followings.													
	(A) Zr-Ta	(B) Nb-Tc	(C) Hf-Re	(D) N	b-Ta									
4.	What is the chemical composition of Nicol's prism?													
	$(A) Al_2O_3$	(B) CaSO <sub>4</sub>	(C) CaCO <sub>3</sub>	(D) N	a <sub>3</sub> AlF <sub>6</sub>									
5.	What is the most abundant element on earth?													
	(A) Hydrogen	(B) Nitrogen	(C) Oxygen	(D) Si	licon									
6.	When axis of	rotation is fixed	then angular ve	elocity is c	onsidered :	as								
	(A) Scalar qua	ntity (B) vector	or quantity (C)	physical o	quantity (D	) both a and b								
7.	The internal	energy of one me	ole of an ideal ga	s depend	upon									
	(A)Volume of	gas (B) Temp	perature of gas (C	C) Nature o	of gas (D	) Density of								
	gas													
8.	Coherent ligh	it is many differ	ent rays of light	all having	the same									
	(A) Frequency	(B) wave	elength (C	) phase	(D) all c	of the above								
					DT (	3								





changes is

(A) Momentum

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(D) moment of inertia

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9. When a charged particle moves at right angle to a magnetic field quantity that

10. The maximum kinetic energy of emitted electrons in a photoelectric effect does

(C) energy

(B) speed

	<b>ot Depend u</b> A) Wavelengt		B) frequency	(C) intensi	y (D) work fun	ction
11. ∫	$\frac{dx}{x^2+5} =$					
(A) $\frac{1}{5}$	$\tan^{-1}\left(\frac{x}{\sqrt{5}}\right) +$	$c$ (B) $\frac{1}{\sqrt{5}}$	$\tan^{-1}\left(\frac{x}{\sqrt{5}}\right) +$	$c (C) \frac{1}{5} \cot^{-1}$	$\left(\frac{x}{\sqrt{5}}\right) + c \text{ (D)} \frac{1}{\sqrt{5}} \cot^{-1}$	$\left(\frac{x}{\sqrt{5}}\right) +$
12. If	$y = log_7(log$	$g_e x$ ), the	$e^{\frac{dy}{dx}} =$			
(	$A) \frac{\log 7}{x \log_7} \qquad ($	$(B) \frac{1}{x \log_7 x}$	$(C) \frac{1}{x \log x}$	$\frac{1}{\log^7}$ (D) $\frac{1}{x\log_7}$	1 x log7	
13. If	in the given f	igure <mark>OA</mark>	$=\overline{a},\overline{\mathrm{OB}}=\overline{b}$	and AP:PB=m	n, then $\overline{OP} =$	
(A	$\frac{m\bar{a}+n\bar{b}}{m+n}$ (B)	$\frac{n\bar{a}+m\bar{b}}{}$	(C) $m\bar{a} - n\bar{b}$	$(D) \frac{m\bar{a}-n\bar{b}}{\bar{b}}$		
	m+n	шти		m-n		
14. 11	A is square in	natrix of	the order n an	id A=KB where	k is scalar, then $ A $ =	
)	B .k	(B) k.  B	(C) $k^n$ .	B  (D) n.	В	
	egree of the d	lifferenti	ial equation :	$y(x) = 1 + \frac{dy}{dx}$	$+\frac{1}{1.2} \left(\frac{dy}{dx}\right)^2 + \frac{1}{1.2.3} \left(\frac{dy}{dx}\right)^2$	$\left(\frac{y}{r}\right)^3$ is
		(B) 2	(C) 3	(D) 4	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
		Fill	ip the correc	t option of an	swers.	
1	(A) (B) (	© (2)	6 A	B © D	11 A B C	(D)
2	A B (	© (D	7 A	B © 0	12 A B C	<b>(D)</b>
3	(A) (B) (	© (D	8 A	B © D	13 (A) (B) (C)	(D)
4	(A) (B) (	© (D	9 A	B © D	14 (A) (B) (C)	(D)
5	(A) (B) (	(D)	10 (A)	(B) (C) (D)	15 (A) (B) (C)	





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#### Sanction Lettere From Management Facilities given to students under Dr. Rajendra Gode Scholarship Exam (Techno Talent Hunt Exam)

#### Dr.Rajendra Gode Institute of Technology & Research, Amravati Student Facility List 2022-23 First Year Engineering

					A HOL I CHI I	angineeri	ing					
Sr. No.	Name	Gender	Category	Branch	Facilities	Bus* (1)	Hostel*	Mess*	Dress* (4) only for 1 Yr	Total Amount of Facilities (For 1 Month) (1 to 4)	Total Amount of Facilities (For 1 Year / 12 Months)	University Fee & Amartya Insurance only for Dharni Students
1	Manish Ramsing Uike	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
2	Arvind Premlal Kasdekar	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
3	Alkesh Kalya Dhande	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
4	Sudarshan Shbash Kasdekar	Male	ST	CSE	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
5	Laxman Suresh Kasdekar	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
6	Bhushan Paparam Dhikar	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
7	Shivkumar Kashiram Kasdekar	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
8	Ratiram Omkar Kasdekar	Male	ST	MECH	Hostel +Mess+ Dress	0	0	1800	470	2270	21600	865
9	Vansh Satsish Munde	Male	OBC	MECH	Hostel+Bus+Dress	0	0	0	470	470	0	0
10	Rutvik Dilip Gode	Male	OBC	Civil	Hostel+Bus+Dress	0	0	0	470	470	0	0
11	Gunjan Sanjay Kantale	Female	SC	MECH	Bus+Hostel+Mess	0	0	0	0	0	0	. 0
12	Abhishek Banarase	Male	OBC	MECH	Hostel (1 Yr)	0	0	0	0	0	0	0
13	Rutvik Dhanraj Mehare	Male	OBC	MECH	Hostel + Mess	0	0	1800	0	1800	21600	0
14	Yuvati Barange	Female	OBC	MECH	Hostel+Bus+Dress	0	0	0	470	470	0	0
15	Prajkta Virendra Ashtikar	Female	SC	EXTC	Bus+Hostel+Mess	0	0	0	0	0	0	0
16	Hrutuja Badhe	Female	OBC	EXTC	Bus Pass + Dress	1000	0	0	470	470	12000	0
17	Ajay Bajre (DSY)	Male	OBC	Civil	Hostel +Mess	0	0	1800	0	1800	21600	0
	THE STATE OF THE S	Total Exp	ences			1000	0	18000	5640	23640	228000	6920

Note:- Above Facilities are given to students for 4 Academic Year: (i.e From Session 2022-23 to 2025-26)

Payament of 1 Year Expenses of Dharni Students (08) & Other Students (09) (2022-23)

234920

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Hon. Chairman Sir Submitted for Approval

Dr. Rajendra Gode Institute of

The Admission Incharge
Dr. Rajendra Gode Institute of
Technology & Research, Amravati



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		I	r. Rajeno Expe	ira Go nses A	de Institute of pproval Detail	Tech	nology	& Re	esearch, An	nravati -2022)				
Sr. No.	Candidate Name	Gender	Category	Branch	Facilities	Bus* (1)	Hostel*		Total Amount of Facilities (Per Month) (1 to 3)	Total Amount of Facilities (For 1 Year/ 12 Months)	College Fees (Rs.100) + Prospectus (Rs.500) + I- Card (Rs.60) + College Dress (Rs.3000) (For 1 Year) (4)	Amartys Insurance (RS. 701) + University Fee (Rs. 300) (For 1 Year) (5)	Total Amount of Facilities (For 1 Year) (4) +(5)	Total 1 year Expances
_	AKHANDE PAYAL LALA	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
2	BETHEKAR AVINASH BHALU	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
3	BETHEKAR BHUMIKA RAJESH	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
4	BHARVE KALPESH SUNIL	Male	VJ	МЕСН	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
5	BHASHKAR ARPITA TULARAM	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
6	BHASHKAR SONAM RAGHUNATH	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
7	BHILAVEKAR ASHWINI SAJJULAL	Female	ST	CIVIL	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
8	BHILAWEKAR HEMRAJ RAJARAM	Male	ST	EXTC	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
9	DHANDE ARUNA SOMA	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
10	DHANDEKAR YASHODA SURESH	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
11	DHIKAR MEENA MANU	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
12	DHIKAR RUSHIKESH SHAMLAL	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
13	JAMBEKAR DHARMARAJ SURAJLAL	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
14	JAWARKAR SUSHANT SONAKLAL	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
15	KASDEKAR SHYAM SUKHALAL	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
16	MAWASKAR PRIYA SAKHARAM	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
17	MAWASKAR URMILA CHAMPALAL	Female	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
18	METKAR CHETAN RUPCHAND	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
19	SAKOM GAJANAN RAMLAL	Male	ST	MECH	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
20	THAKARE ARCHANA GANAJI	Female	ST	CIVIL	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
2	1 THAKARE BHARATI SHIVRAM	Female	ST	CIVIL	Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
22	A STATE OF THE RESIDENCE AND A STATE OF THE PARTY OF THE	Female	SC		Bus+Hostel+Mess	1500	2000	2000	5500	66000	3660	1001	4661	70661
	Dharni (22) Student	s Total Fa	cility Amour	t		33000	44000	44000	121000	1452000	80520	22022	102542	1554542

Payament of 1 Year Expenses of Dharni Students (2021-22) College Fees + Prospectus + I-Card + College Dress 102542

Payament of 1 Year Expenses of Dharni Students (2021-22) Bus+Hostel-Mess 1452000

Total Expenses Dharni Students for Year 2021-22 1554542

 Academic Year
 2021-22
 2022-23
 2023-24
 2024-25

 Expences
 1554542
 1452000
 1452000
 1452000

Prof. A. A. Shahade
T & P DFFICER
Dr. Rajendra Bode Institute of
Technology & Research, Amravati

Punson Thake

President

Dr. Rajenora Gode Instituto of Technica & Researc,
Anticvati,



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#### 2. Bird Nesting and Water Pots

Recently, due to increasing urbanization, the trees are being felled on a large scale, resulting in a rapid decline in the number of sparrows. Especially in cities due to electromagnetic emissions from mobile towers, unavailability of nesting sites due to modern housing construction, food shortages, increased pollution in cities and the use of chemical fertilizers and pesticides in agriculture, the number of sparrows is rapidly decreases.

Birds are a priceless gift of nature, these beautiful creatures flying high in the sky have been inspiring human imagination since time immemorial. Due to severe heat and lack of water in summer, birds here are getting killed in large numbers every year. The main reason for this is the acute shortage of water.

All of us should keep small vessels filled with water in our house, courtyard and roof, so that the birds who are tired in the heat can take water and dive again in the infinite sky. We have to protect our nature and life,

We can easily observe a rapid decrease in the number of the innocent birds that earlier made its habitat in college campuses. Our surroundings are incomplete without the melodious chirping of the little innocent birds. Increasing pollution and reducing residential areas have brought the species of birds to the edge of extinction. There are some regions from where the little bird has vanished. We have to take just one step; this one step can fulfill a thirsty creature. Fulfilling a thirsty creature is an extinguished noble deed.

In the Sant Gadge baba Amravati University syllabus, Environmental Science is made a compulsory subject in fourth semester of Engineering. Through this activity, our aim is that students will practically connect with nature and conserve and nurture.

#### **Objectives: -**

- To sensitize, create awareness, motivate and educate students about environment conservation
- To develop commitment towards the environment.
- To save species of birds.

#### **Practice:**

In the summertime, twenty nest-friendly nestlings were built in the workshop in the College and they were set up on tree trunks, and thirty water pots for the birds were hung in various places on different trees. Also, from the last three years, the college has been providing water pots and nests for all teaching and non-teaching staff. So, bird conservation work is going on in the college premises and outside the college as well.





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#### **Evidence of Success:**

- Different types of bird's species can be seen in the institute premises.
- Baby birds were also seen in some nests.
- Students will be aware to protect and preserve them through this activity and extinct species would be saved in future.

#### **Problems Encountered: -**

- When one goes to take pictures of birds, the birds fly away, so it is often difficult to take pictures.
- Birds' nests fall from trees due to strong winds or storms.



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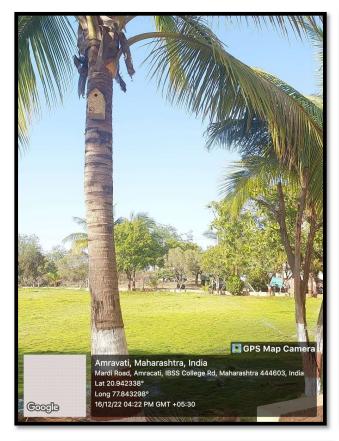


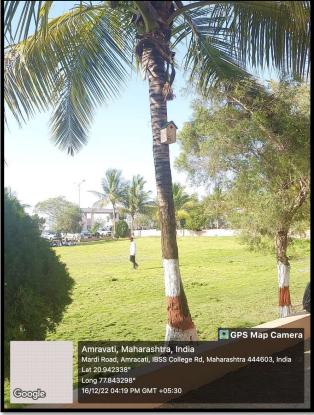
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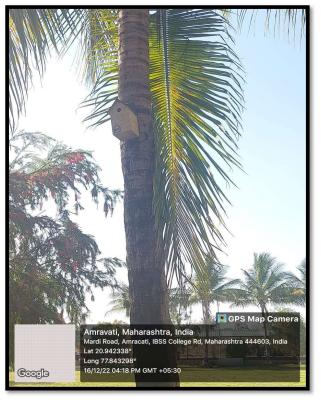
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