



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana- 443201(MS).



Department of Physics

Report on Course on University Level Innovative Model Making Competition

- 1) **Title of the Activity:** University Level Innovative Model Making Competition
- 2) **Date:** 30/09/2022
- 3) **Notice:** A leaflet of the program distributed through whats app
- 4) **Organizer:** Dr. Omraj S. Deshmukh (Principal)
- 5) **IQAC Cordinator:** Dr. V. U. Pochhi
- 6) **Convenor:** Mr. N. B. Thakare
- 7) **Course Coordinator:** Dr. P.P. Padghan
- 8) **Members:** Mr. N.B. Thakare, Dr. V. B. Huse, Dr. P. B. Nalle, Dr. P.P. Padghan, Dr. D.N. Bhoyar.
- 9) **No of Participants:** 33
- 10) **Resource Person:**
 1. Dr. A. U. Bajpeyee. Professor, Smt Narsama College Amravati

The Practice/Activity:

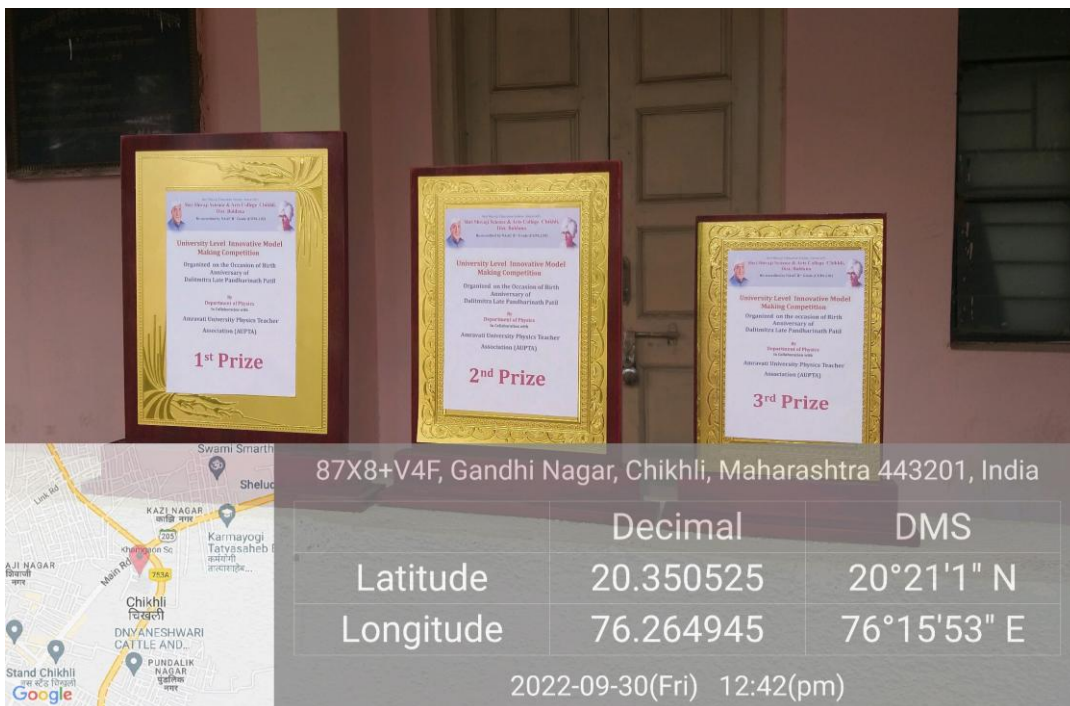
On the occasion of Birth Anniversary of Dalitmitra Late Pandharinath Patil, Department of Physics of Shri Shivaji Science College Chikhli, organized “**University Level Innovative Model Making Competition**” on dated 30/09/2022. This Competition organized with Collaboration of Amravati University Physics Teacher Association (AUPTA). Inauguration function starts at 11:00 AM. At first the welcome address given of IQAC Coordinator Dr. V. U. Pochhi, Prelude by HOD of Physics Mr. N. B. Thakare & after that principal address given by Dr.Omraj S. Deshmukh.

For this competition 22 models are presented by students from 09 colleges in the SGBA university Amravati. At last vote of thanks given by Mr. P. P. Padghan and with the permission of organizer committee member the program ends at 06:00 PM.

11) Evidence of Success/Supporting Documents:









9727+7V7, MH SH 176, Gandhi Nagar, Chikhli, Maharashtra 443201, India

	Decimal	DMS
Latitude	20.350579	20°21'2" N
Longitude	76.265068	76°15'54" E

2022-09-30(Fri) 03:45(pm)

Action Taken:

1. It is decided to organize University Level Innovative Model Making Competition
2. A committee for the organization for the program was formed.
3. The members of the committee are mentioned in above report.
4. The work was distributed among the committee members.
5. A brochure of the program was prepared and posted on Whats app group of the various colleges in SGBA University Amravati and different groups of the students.
6. Models display in Department of Electronics
7. Examine the models by Jury.
8. Price distribute among the student.

Out Come of Program:

1. Innovative Model Making competition help to students developed their skill.
2. This competition increase the creative thinking among the student.
3. The motto this program was Developed stage daring and communication skill (presentation)



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana

Re-accredited by NAAC B++ Grade (CGPA 2.82)

University Level Innovative Model Making Competition

**Organized on the occasion of Birth Anniversary of
 Dalitmitra Late Pandharinath Patil**

By
Department of Physics

Shri Shivaji Science & Arts College, Chikhli

In Collaboration with

**Amravati University Physics Teacher Association
 (AUPTA)**

Patron



Hon'ble Shri Harshvardhan P. Deshmukh

President
Shri Shivaji Education Society,
Amravati

For

Undergraduate Students

30th September 2022

Time: 11.00 to 5.00 PM

Organizer



Dr. Omraj S. Deshmukh

Principal
Shri Shivaji Science & Arts College,
Chikhli

Inaugurator



Dr. A. U. Bajpeyee
President, AUPTA

Organizing Committee

Dr. V. U. Pocchi
IQAC coordinator

Mr. N. B. Thakare
Convener
Head, Department of Physics

Dr. P. P. Padghan
Coordinator

Dr. V. B. Huse
Member

Dr. P. B. Nalle
Member

Dr. D. N. Bhoyar
Member

Technical Support

Mr. E. L. Jadhao
Technical Support

Mr. A. B. Bahekar
Technical Support

Local Organizing Committee

Dr. V. U. Pochhi

Head
Dept. of Botany

Dr. R. P. Gawai

Head
Dept. of Commerce

Dr. M. T. Nikam

Head,
Dept. of Zoology

Dr. D. B. Bobade

Head
Dept. of Electronics

Dr. G. G. Malte

Head
Dept. of Marathi

Dr. J. J. Jadhao

Head
Dept. of Political Science

Dr. S. I. Jukkalkar

Head
Dept. of English

Dr. V. R. Padwal

Head
Dept. of History

Mr. S. L. Kumbhare

Head
Dept. of Chemistry

Prof. S. N. Mendhe

Head
Dept. of Microbiology

Dr. S. M. Kalakhe

Head
Dept. of Economics

Mr. S. A. Salve

Head
Dept. of Mathematics

Dr. A. B. Kadam

Head
Dept. of Computer Science

Dr. R. H. Wankhede

Head
Knowledge - Resource Centre

Prof. S. J. Kokode

Head
Dept. of Physical Ed. & Sports

Objective of the Competition

- ❖ To provide a platform to nurture science and inventive interest from the surrounding environment and connecting new ideas to their existing ideas from models and materials.
- ❖ To explore and encourage scientific and technological talent and creative thinking among students and inculcate in them a sense of pride in their talent.
- ❖ To developed an understanding about the role of science and technology to meet the needs of the society self-reliance in socio-economic development.
- ❖ To encourage them as an architect of the nation and visualize future of the nation.

Themes for Competition: (Interdisciplinary/Multidisciplinary)

- ✚ **Physical, Chemical & Mathematical Sciences**
- ✚ **Life Science in Human Welfare**
- ✚ **Renewable Energy Sources**
- ✚ **Environmental Issues: Causes and Consequences of Climatic Change, Green Campus**
- ✚ **Information and Communication Technology**
- ✚ **Water Conservation**

Registration Fee : 100 /- Only

Link for Registration:

<https://forms.gle/UB27mDhL3XsmAkY58>

Whats App Group:

<https://chat.whatsapp.com/HNhDCK9Co5RItNG2Xiy9HU>

About the Competition

Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana, provides opportunity to youth for who are willing to create projects based on their creative and innovative skills. To make them realize the interdependence of science, technology and society and the responsibility of the scientists of tomorrow. Our institute has initiated this innovative platform to promote science culture in the society. The National Education Policy-2020 encourages Higher Educational Institutes (HEI) to organize various interdisciplinary activities to develop scientific instinct among the youth. To promote scientific acumen and equip the learners in 21st century, learning skills like critical thinking, communication, collaboration and creativity. An innovative Science Model Making Competition will be organized for the Junior College & Undergraduate Students. The vision of this activity is the exploration of the surrounding's resources to enable students to express themselves.

“Innovative Model Making Competition” to be organized every year by Department of Physics on the occasion of Birth Anniversary of Dalit Mitra Pandharinath Patil (Ex. MP Lok Sabha), founder of Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana. This competition will be organized every year.

Prizes



Prize Rs.1500/-



Prize Rs.1000/-



Prize Rs.500/-

Sponsor

- 1) Miss. Yogini T. Suradkar (Retired Junior College Teacher) &***
- 2) Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana***

Criteria For Selection for Students/Participants

- 1) Creative imagination**
- 2) Scientific thought and approach**
- 3) Originality and innovations in the model**
- 4) Technical skill (Art & Craftsmanship)**
- 5) Economic (low cost/portability/durability)**

Model will be demonstrated through offline platform

Important Instructions

- ✓ Registration is mandatory for enroll for this competition.***
- ✓ Competition will be conducted on offline mode in Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana***
- ✓ TA DA or traveling allowance is not given by the organizer.***
- ✓ For the completion of competition participant should submit online Feedback form.***
- ✓ Each participant should collect their certificate from organizer.***
- ✓ For Each Model only two participants will be allowed.***



Shri Shivaji Education Society, Amravati's
**Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana**

Accredited by NAAC B++ Grade (CGPA 2.82)



University Level
**Innovative Science Model Making
Competition**

30th September 2022
Time:- 11:00 to 5:00 PM

Schedule

Date	Time	Schedule
30/09/2022	10:30 to 10:35 AM	Inauguration Dr. A. U. Bajpeyee
	11:35 to 11:40 AM	Well Come Speech Dr. V. U. Pocchi
	11:40 to 11:45 AM	Prelude by HOD Physics, Mr. N. B. Thakare
	11:45 to 11:50 AM	Principal Address Dr. O. S. Deshmukh
	12:00 to 01:00 PM	Lunch Break
	01:00 to 03:00 PM	Exhibition
	03:00 to 03:55 PM	Valedictory Function
	03:55 to 04:00 PM	Vote of Thanks

Venue

Pandharinath Patil Seminar Hall
Shri Shivaji Science & Arts College, Chikhli, Dist.
Buldana



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana- 443201(MS)

Department of Physics

Certificate Course University Level Innovative Model Making Competition (2022-23)

Registration

Name	College Name	Mobile No	Model Name	Sign
Sheuti Bhagwan Gadekar } ① Komal Rakesh Solanki	shivaji science & arts college	8459285743 9028606174	ozone depletion	<u>Bgadekar</u>
Pooja Sanjay Dandge } ② Arati Sanjay Dandge	shivaji science & arts college	9405777311 9744913702	Smart Green city	<u>Dandge</u>
Fardeen Khan Gayyum Khan } ③ Mohd. Umer Shaikh Shabbir	Shri Shivaji Arts, Comm. & Science College, Motala		Day Night Earth Model	<u>Z</u>
Pratiksha Gopal kukade } ④ Vaishnavi Jadhav kukade Asha Purushottam Khandare	— / —		Eco-Environment	<u>P. Khandare</u>
Vaishnavi Gajanan Kharche } ⑤ Priyanka Santaram Phorane Sakshi Prakash Sonone	— / —		Life kidney working Model	<u>Phorane</u>
Vijaya Vasant Rao Shingne } ⑥ Shubham Dnyadev Chavan	shri Wankesh college D-Raja	8600952251 9049171480	nano Rocket launcher	<u>Shingne</u>

Shivshankar Dnyashwar patil } 7	Shree Vankhede college D-Raj	9657191163 9389456611	Air bullet train	<u>Tandale</u>
Tejas Shrikrushna nandale } 7	_____	7058685851 9370452568	Working of kidney	<u>Bhatnagar</u>
ishwar shaligram Nehal } 8	_____	9325955811 8261868766	plant life cycle & seed generation	<u>Bhatnagar</u>
Ganesh Vasanta tangde } 8	_____	9579585005 8668869404	solar electric vehical	<u>Singare</u>
Vidhya Shriram Kavale } 9	_____	9579613695 9527886144	Rain water harvesting	<u>Bhatnagar</u>
priyanka shaligram ghode } 9	_____	9850329745 9322454907	Types of motion	P. S. kumar
Gunni Dilip Sayalkar } 10	_____	9922342273	human body system	<u>Singare</u>
sayli Santosh singare } 10	_____	9011574381 7775955731	Electricity from Congress grass	<u>P. S. Nikhale</u>
priyanka Bhatnagar } 11	shri shivaji science & arts college chikhi	9022657814 9359463109	electric generator	<u>Singare</u>
Vaishnavi Ingle } 11	shri shivaji college chikhi	8432615658 7498596698	Bypass in 1 volt solar panel	A. B. kate
Pinki Karmave } 12	Dr. Zakir Hussain college lonar	7767851225	Army: cantalment	<u>Chand</u>
Dipali Dhumal } 12	_____	8055406610	solar project	<u>Ashur</u>
Khan Saniya Kausar Shakir Khan } 13	_____	_____	_____	_____
Asmit Ravindra Ingle } 14	shankar Lal Khandelwal college Akola	_____	_____	_____
Pratik Sunil Nikhale } 14	_____	_____	_____	_____
Swapnil Dnyashwar Gaikwad } 15	Shree pundlik maharaj Vidyalaya nandura	_____	_____	_____
Yogita Jawre (17) Pratik Gaikwad } 15	_____	_____	_____	_____
Abhishek Kate (16)	_____	_____	_____	_____
Prathmesh Dande (16)	_____	_____	_____	_____
Datta Rajguru (17) Ansh Vankhede (17)	_____	_____	_____	_____
Tropiti Mahakal (17)	_____	_____	_____	_____
Afifa Sahar (18)	_____	_____	_____	_____
Jayaroya Riffat (18)	_____	_____	_____	_____

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Shri Shivaji Education Society Amravati's

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist. Buldana- 443201.

NAAC Reaccredited with 'B++' Grade (CGPA 2.82)

ISO: 9001-2015



Dr. Omraj S. Deshmukh
Principal

Hon'ble Shri Harshvardhan P. Deshmukh
President

cs/permission/518

Date: 07/09/2022

PERMISSION LETTER

To,
The Secretary,
Amravati Physics Teacher Association (AUPTA)

Respected Sir,

Department of Physics, Shri Shivaji Science and Arts College, Chikhli Dist. Buldana organizing **University Level Innovative Model Making Competition** on occasion of birth anniversary of Dalitmitra Late Pandharinath S. Patil on **30th September 2022**. We are willing to organize this competition in association with Amravati Physics Teacher Association (AUPTA).

Please grant the permission for the same and oblige.

Thanking You.

Date: 07/09/2022

Place: Chikhli

Yours sincerely,

PRINCIPAL

Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana



Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist. Buldana- 443201.

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ISO: 9001-2015

Dr. Omraj S. Deshmukh
Principal

Hon'ble Shri Harshvardhan P. Deshmukh
President

CS/ Invitation/ 517

Date: 07/09/2022

Invitation

To,

Dr. A. U. Bajpeyee

President,

Amravati University Physics Teacher Association (AUPTA)

It's our pleasure to invite you to inaugurate the **University Level Innovative Model Making Competition** organized by Department of Physics, Shri Shivaji Science and Arts College, Chikhli Dist. Buldana on occasion of birth anniversary of Dalitmitra Late Pandharinath S. Patil on **30th September 2022**. The date of Inauguration is 30/09/2022 and session will begin at 10:30 AM.

Kindly accept our invitation.

OS Deshmukh

Dr. O. S. Deshmukh
(Principal)

PRINCIPAL

Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana



Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI
DIST. BULDANA, 443201
NAAC Accredited with 'B' Grade



Dr. Omraj S. Deshmukh
Principal

Shri Harshvardhan Deshmukh
President
Shri Shivaji Education Society, Amravati

cs/certificate/574

Date: 30/09/2022

Certificate of Appreciation

This is to certify that **Dr. A. U. Bajpeyee**, Head, Department of Physics, Smt. Narsamma Arts, Commerce and Science College, Amravati and President of Amravati University Physics Teacher Association, Amravati, India has been invited as a inaugurator for **University Level Innovative Model Making Competition** held at our college on dated 30th September 2022. This Competition was conducted on the occasion of '**Late Pandharinath Patil Birth Anniversary**' and organized by Department of Physics of our College in collaboration with Amravati University Physics Teacher Association (AUPTA) Amravati.

I appreciate the valuable Presence and Guidance of **Dr. A. U. Bajpeyee** to our students and I am thankful to him.

Yours Faithfully,

Date: 30th September 2022

Place: Chikhli

O. S. Deshmukh

Dr. O. S. Deshmukh
(Principal)
PRINCIPAL

Shri Shivaji Science & Arts
College, Chikhli, Dist Buldana



SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI

DIST. BULDANA (M.S.) 443 201

NAAC REACCREDITED B++ (CGPA 2.82)



UNIVERSITY LEVEL INNOVATIVE SCIENCE MODEL MAKING COMPETITION

30th September 2022



CERTIFICATE

This is to certify that Mr./Ms. Arti Sanjay Dondge
of Shri Shivaji Science and Arts College presented
a model entitled Smart Green City
in University Level "Innovative Science Model Making Competition" organised by Department
of Physics and Internal Quality Assurance Cell, Shri Shivaji Science & Arts College, Chikhli,
Dist. Buldana in collaboration with Amravati University Physics Teacher's Association.
He/She participated/awarded with _____ price in competition.

Dr. P. P. Padghan
Coordinator

Mr. N. B. Thakur
Convener

President

Dr. V. U. Pochhi
IQAC Coordinator

Dr. O. S. Deshmukh
Principal