



COLLEGE OF ENGINEERING & TECHNOLOGY, AKOLA

At. Post :- Babhulgaon (Jh) N.H.No. 6, Tal., Dist. Akola. 444 104 (M.S.)

FYMC

Department of Applied Sciences & Humanities (First Year Engineering)

Report Of ISTE & AICTE Approved One Week Self Finance

Inter-Disciplinary Short Term Training Program (STTP)

On

**“ROLE OF ETHICS, HUMAN VALUES & BEHAVIORAL SCIENCE IN EFFECTIVE
WORKING OF FACULTY”**

Duration 22nd April – 26th April 2019

Abstract:

The behavioral sciences are the scientific disciplines that use observational and experimental methods to study human behavior and its underlying mechanisms. These sciences place emphasis on theory-driven research and a search for general principles of behavior, and recognize the roles of context, biology, learning and development, individual variation, socio-demographic variables, environment, religions and culture as determinants of behavior. Behavioral Science is the study of human behavior from a number of different subject (discipline) areas. Research in the behavioral sciences has consistently revealed that human behavior is complex, malleable, and variable. Both basic and applied research also reveals that, the determinants of behavior are not always "intuitive". and that theory can be applied successfully to alter human behavior. The goal of coursework in the behavioral sciences, as it applies to the general education core, is to provide faculty a foundation in the knowledge, process, function and values. The disciplines which contribute to an understanding of human behavior are psychology, sociology, politics, economics, history, law, philosophy and religion.

As engineering has a decisive impact on the development of the society, so faculty members in engineering discipline are required to take ethical components into consideration in relation to their students. The aim of this FDP is to recognize the rate of professional ethics components used by these faculty members in education. Ethics is a necessity need in every profession, it should be taken into account in employing people and in work environments. Due to the high impact of educational environments on the future of students and because of their critical duties in rendering education and making communities more developed, the importance of recognizing and observing professional ethics in these environments is a need of an hour.

Objectives:

- *The main objectives of the programme are*
- *To increase the moral values, ethical & philosophical thinking study and mol development in education system.*
- *To identify and deal with ethical problems developing their moral intuitions which are implicit in everyday choices and action To introduce the faculty to the variety of principles influencing human behavior.*
- *To take the faculty, step by step, through an understanding of each of these principles and to give the faculty a basic understanding of these principles so that they will have a better understanding of human behavior*
- *To enhance the working capabilities of the faculties to identify and analyze ethical perplexing situation and problems.*

Expected outcomes:

- This FDP mainly focused to develop sound understanding regarding morality ethics & behavioral science and make individuals more efficient and committed in their lives. This programme will enable the faculty member to understand and collect new insights & innovation regarding
- After undergoing this FDP the participants will be able to, Use critical and creative thinking skills, including skeptical inquiry and the use of the scientific method, to interpret and solve problems in the Behavioral Sciences. Explain major concepts, theoretical perspectives, empirical findings, and historical trends in the Behavioral Sciences. Critique their own perspectives and analyze human behavior from the diverse perspectives that are the foundation of the Behavioral Sciences Understand the fundamental moral values & how these can be used in their own lives. Use of traditional & professional ethics
- Apply theoretical principles from the Behavioral Sciences to personal, social, and/or organizational issues related to the human experience

Educational Approach:

This program will indeed be useful in many aspects for faculty in professional institutions in terms of understanding moral values, ethics and behavioral sciences. This FDP will help them to understand the need of value education, holistic effectiveness and role of professional education in national building. This will also help the faculty to undergo various research project as a part of their academic career as well as the development of society with the help of these human values.

Resource persons:

The resource persons for this two week FDP will be from university departments, prominent institutes, corporate houses with core national & international exposure of guest lecturers & seminars

Date: - 14/12/2018

To,
The Principal
College of Engineering & Technology, Akola

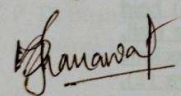
Subject: - Permission to organize ISTE/AICTE Approved Sponsored/Self Financed
Short Term Training Program

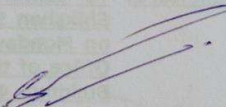
Respected Sir,

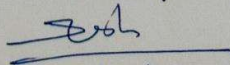
Department of **First Year Engineering and ISTE Staff Chapter** we are jointly planning to organize one week inter-disciplinary short term training program on "**Role of Ethics, Human Values and Behavioral Sciences in Effective Working of Faculty**", in the third week of April 2018. We will try to fetch the sponsorship from ISTE/AICTE if any, else on self finance basis.

We are seeking for your kind permission and cooperation for organizing the program.

Thanking You


P. D. Bhanawat
Prof. In charge (ISTE)


Dr. S. N. Naikwad
Chairman FYMC

Approved as proposed

14/12/18

Permission letter to conduct STTP



SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S
COLLEGE OF ENGINEERING AND TECHNOLOGY, AKOLA

Founder President : Late Dr. Panjabrao Deshmukh

Al. Post. Bahulgaon (Jh.) NH.6, Tal. Dist. AKOLA (M.S.) 444 104 Phone : 0724 - 2259024, 2259069, 2439070, Resi. : 0724-2458484 Fax : 0724 - 2260033 (Ext. 43)

★ President : Shri. Harshavardhan P. Deshmukh

★ Principal : Dr. S. K. Deshmukh

To,
 The Executive Secretary,
 Indian Society for Technical Education
 Shaheed Jeet Singh Marg, Near Katwaria Sarai,
 Opposite Sanskrit Vidyapeeth,
 New Delhi- 110016

Date: - 31/01/2019

Ref. No. 170/2019

02/02/2019

Subject: - Submission of Proposal for conducting One-Week Short Term Training Program
 during 22nd to 27th April 2019.

Dear Sir,

We the College of Engineering and Technology, Akola belongs to Shri Shivaji Education Society Amravati, running a four year degree courses in Architecture, Mechanical, Civil, Chemical and Computer Sci. & Engineering since 1983. The institute is approved by AICTE, DTE Mumbai and Affiliated to Sant Gadge Baba Amravati University, Amravati.

The institute has organized more than five STTP's on various topics in last three year on self finance basis. We have around 100 faculty life members of ISTE from our institute. We sincerely request you to permit us for organizing STTP on Topic "Role of Ethics, Human Values and Behavioral Sciences in Effecting Working of Faculties", during 22nd to 27th April 2019 and provide us necessary financial assistance for said program looking forward for your approval.

Thanking You. With Warm Regards

Bhanawat

Prof. P. D. Bhanawat
 Prof. In-charge ISTE

Bhugul

Dr. V. T. Bhugul
 H.O.D. App. Chemistry

Desh

Dr. S. K. Deshmukh
 Principal



Encl.

1. Detail Proposal
2. Course Fees D. D. No. 16230

■ Recognised : AICTE, COA, New Delhi, Accredited by : N.B.A. New Delhi ■

Web : www.coeta.org E-mail : principalcoeta@gmail.com

Proposal submitted to ISTE for approval & financial support



भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray

Executive Secretary

ISTE/Proceedings/STTP-SF/MAH-006/2019-20

February 06, 2019

Proceedings of Executive Secretary, ISTE

Sub.: Sanction to conduct full-time AICTE-ISTE Self Financing orientation/refresher programmes for the year 2019-2020.

Please refer to your proposal for conducting STTP on Self Financing Basis. In this regard it is informed that ISTE has signed MoU with AICTE to conduct Orientation and Refresher programs on Self Financing basis. These programs will be jointly certified by ISTE and AICTE. The aims for the conduct of the programmes are: -

- Updating the knowledge improving organizational and pedagogical skills of teachers.
- To update the knowledge providing an opportunity for interaction and mutual exchange of ideas between teachers interested and/or working in particular areas of specialization.
- Providing an opportunity for teachers to familiarize themselves with modern engineering practices, including the latest technological advances adopted by industry keeping in view the National needs and priorities and relevant technologies.
- Opening up before teachers new vistas in technology at the frontiers of knowledge and the challenges and opportunities these provide to the dedicated and hard working.

It is my pleasure to consider your program under this plan. In this connection sanction is hereby accorded to you for the conduct of the programme on self-financing basis under AICTE-ISTE Self Financing orientation/refresher programme.

Name of Institution	:	College of Engineering & Technology Akola – 444 104
Topic	:	Role of Ethics, Human Values & Behavioral Science in Effective Working of Faculty
Name & Address of Coordinators	:	Prof. P.D. Bhanawat Dr. V.T. Bhugul Prof. Associate Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	22-04-2019 to 27-04-2019

Terms and Conditions:-

- 1 The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one proposal is Rs. 1180/- (Incl. 18% GST) paid by DD in favour of ISTE New Delhi along with proposal.

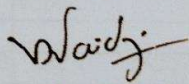
--/-2

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016

Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: istedhq@vsnl.net, Website: www.isteonline.in

Sanctioned / approval letter to conduct STTP by ISTE

- 2 ISTE Life membership is necessary to attend SF programmes. However, If any participant is not having life membership he/she may take membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi.
- 3 This will be a full-time program and duration of 1 week/2 weeks/4 weeks.
- 4 A processing and operational charges @Rs.354/- (Incl. 18% GST) per participants including certificate printing and handling and postage charges is to be paid to ISTE Headquarters after the program along with the final report as mentioned in item 6 below.
- 5 The registration fee of the participants may be fixed by the host institution.
- 6 Within 15 days after completion of the Programme the final report including list of participants (with their ISTE Membership Number or filled up application forms/list of non-members with Life Membership fee), detailed schedule of the programme with dates, copy of the course notes, list of resource persons invited with full address, contact details, topics, minimum five photographs and a video CD of selected sessions must be sent to ISTE Headquarters, Delhi along with a combined DD @Rs354/- per participant as mentioned above and membership fee for non-members, if any, in favour of **"ISTE, New Delhi"**.
- 7 As per the guidelines of AICTE, a test will be conducted by the institute at the end of the programme & copy of question paper, result sheet of the successful participants is to be submitted to ISTE. Certificates will be issued to those participants only who have attended the programme and have qualified in the test.
- 8 The EC/SMC Member of ISTE preferably from nearby area may be invited during the STTP.
- 9 Participation Certificates will be issued jointly by ISTE Hqs. & AICTE New Delhi to the participants. Course Coordinator to kindly ensure correctness of the names in the list/soft copy of participant's names to enable ISTE to print names exactly the same as appear in the list provided. ISTE HQs Delhi will send participation certificates back to the course coordinator ISTE will ensure that the certificates shall be issued only to those participants who meet the above norms.
- 10 The Programmes shall be considered for the Career Advancement Scheme of AICTE.




Executive Secretary

To,

Dr. S.K. Deshmukh
Principal
College of Engineering & Technology
At. Post: Babhulagon (Jh), Nagpur Road
Akola – 444 104
Maharashtra State

Copy to:

Prof. P.D. Bhanawat
Coordinator
College of Engineering & Technology
At. Post: Babhulagon (Jh), Nagpur Road
Akola – 444 104
Maharashtra State

<p>ISTE Approved One Week Short Term Training Program On</p> <p>Role Of Ethics, Human Values & Behavioral Science In Effective Working Of Faculty Inter-Disciplinary During 22nd April to 27th April 2019 REGISTRATION FORM</p> <p>Name:- _____</p> <p>Designation:- _____</p> <p>Qualification:- _____</p> <p>Experience:- _____</p> <p>Department:- _____</p> <p>Organization:- _____</p> <p>ISTE LM No.:- _____</p> <p>Address for :- _____</p> <p>Correspondence _____</p> <p>Mobile No. :- _____</p> <p>E-mail ID :- _____</p> <p>Details of Demand Draft D.D. No. _____ Date:- _____</p> <p>Name of Bank:- _____</p> <p>Accommodation Required (Yes/No):- _____</p>	<p>CHIEF PATRON Hon. Shri Harshvardhan P. Deshmukh President, Shri Shivaji Education Society, Amravati</p> <p>PATRON Dr. S. K. Deshmukh Principal</p> <p>CHIEF CONVENER Dr. S. N. Naikwad Chairman, FYMC</p> <p>PROGRAMME CO-ORDINATOR Dr. V. T. Bhugul HOD, Department of Chemistry Mob: +91-7028012545 Email: vtbhugul@gmail.com</p> <p>Prof. P. D. Bhanawat Prof. In-charge ISTE Mob: +91-9503814280 Email: bhanawatpd@rediffmail.com</p> <p>STAFF CO-ORDINATOR Prof. S. J. Ningwal Assistant Professor Department of Physics Email: sumalaningwal@gmail.com Mob No: +91-9730162182</p>	<p></p> <p>SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI College of Engineering & Technology, Akola NAAC Accredited (A Grade) Indian Society for Technical Education (ISTE), & AICTE, New Delhi, Approved ONE WEEKS SELF-SPONSORED INTER-DISCIPLINARY (ISTE/ Proceedings /STTP-SF/MAH-006/2019-20) Short Term Training Program On "ROLE OF ETHICS, HUMAN VALUES & BEHAVIORAL SCIENCE IN EFFECTIVE WORKING OF FACULTY" 22nd April to 27th April 2019</p> <p></p> <p>Organized by: Department of First Year Engineering & Indian Society for Technical Education, Faculty Chapter College of Engineering and Technology, Akola Babhulgaon (Jh.), N.H.No.6, Amravati Road, Akola - 444104 (M.S.) Fax: 0724-2259069, Phone No. 0724-2258484 Website: - www.coeta.ac.in</p>												
<p>Date:- _____</p> <p>Place:- _____</p> <p>Prof./Mr. _____ is an employee of this institute and will be permitted to attend the course, if selected.</p> <p>Place:- _____</p> <p>Sign of Applicant</p> <p>Sign and seal of Head of Institution</p>	<p>ORGANIZING COMMITTEE</p> <table border="0"> <tr> <td>Prof. S. S. Patil</td> <td>Prof. K. U. Deshmukh</td> </tr> <tr> <td>Prof. S. R. Malapni</td> <td>Prof. J. V. Shegokar</td> </tr> <tr> <td>Prof. S. J. Ningwal</td> <td>Prof. A. R. Deshpande</td> </tr> <tr> <td>Prof. S. V. Deshmukh</td> <td>Prof. A. A. Bihade</td> </tr> <tr> <td>Prof. V. R. Rajoriya</td> <td>Prof. S. R. Bhuse</td> </tr> <tr> <td>Prof. A. N. Gawande</td> <td></td> </tr> </table>	Prof. S. S. Patil	Prof. K. U. Deshmukh	Prof. S. R. Malapni	Prof. J. V. Shegokar	Prof. S. J. Ningwal	Prof. A. R. Deshpande	Prof. S. V. Deshmukh	Prof. A. A. Bihade	Prof. V. R. Rajoriya	Prof. S. R. Bhuse	Prof. A. N. Gawande		
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Prof. A. N. Gawande														

<p>GLORY OF INSTITUTE Shri Shivaji Education Society, Amravati was founded by late Dr. Panjabrao alias Bhausaheb Deshmukh in 1932. It was established for social service and up-liftment of downtrodden and providing affordable and quality education of the people of this region. Presently the society has more than 280 educational institutions of various fields and situated in various cities of Maharashtra like Nagpur, Amravati, Akola, Buldhana, etc. Apart from education, society has specialized education through its Engineering and Medical colleges. The society always set goals for others by achieving norms set by government, NAAC, NBA, etc. From time-to-time in stipulated time period. The institute is established in 1983 and is affiliated to Sant Gadge Baba Amravati University, Amravati by NAAC with 'A' Grade. The college is situated in a quiet and peaceful part of the city with teaching and learning environment</p>	<p>of the organization and its procedures and policies, share organizational values and share job specific information.</p>	<p>implicates in every day action.</p> <ol style="list-style-type: none"> To introduce the faculty to the verity of principles influencing human behavior. To enhance the working capabilities of the faculty.
<p>ABOUT PROGRAM: Training is part of the organization's overall development process and is in line with its goals. The organization has different strategy which shapes the approach to employee development. Skills are planned for and addressed systematically through formal training. This short term training program provides employees with a smooth entry into the organization by providing them with the information they require to get started working effortlessly. The goal of this training is to create a positive atmosphere, address any new job concerns, increase comfort level and feeling of belonging, increase knowledge</p>	<p>Ethics are the rules that define moral conduct, according to the ideology of a specific group. Moreover, ethics in public administration are important for good administrative conduct based on the needs of a specific student, faculty and organization.</p>	<p>COURSE CONTENT Explain major concepts, theoretical perspectives, empirical findings and historical trends in the behavioral sciences</p> <ol style="list-style-type: none"> Use of traditional and Professional ethics To Analyze human behavior from the diverse perspectives that are the foundations of the behavioral sciences How to use critical and creative thinking skills. Use of Scientific methods to interpret and solve problems in the behavioral sciences Fundamental moral values and how these can be used.
	<p>BROAD OBJECTIVES OF THE COURSE</p> <ol style="list-style-type: none"> To increase the moral values, ethical and philosophical thinking study & moral development in education system To identify and deal with ethical problems developing their moral intuitions which are 	<p>IMPORTANT DATES 1) Last date of registration: 15th April 2019 2) Confirmation of selection: 16th April 2019 3) Commencement of course: 22nd April 2019</p> <p>HOW TO APPLY All interested candidates are requested to fill the registration form and send the scanned copy on the given email ID. The registration fees of Rs.1000/- (Rupees One Thousand only) should be paid by Demand Draft or Cash. DD should be drawn in favor of "Principal, COE&T, Akola" Payable at Akola.</p> <p>BOARDING & LODGING On the prior requirement and request for arrangement of boarding & lodging can be done on payment basis</p>

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
College of Engineering & Technology, Akola - 444104 (M. S.)
Department of First Year

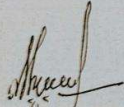
&
Indian Society for Technical Education (Faculty Chapter)
Jointly organized one week self-sponsored inter-disciplinary
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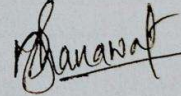
Approved by
Indian Society for Technical Education (ISTE), and AICTE, New Delhi,
On

"Role of Ethics, Human Values and behavioral Sciences on Effective Working of Faculties"
22nd April to 26th April 2019

List of Experts for STTP

Sr. No.	Name of Recourse person	Address
1	Dr. H. N. Jha	Dept of Management, SSGM College of Engg. Shegaon.
2	Dr. V. T. Bhugul	College of Engineering & Technology, Akola
3	Dr. Manish Sethi Jain	(Motivational Speaker) Akola
4	Dr. Shantaram Bute	Akola
5	Dr. Mahesh Dabre	LRT College Akola
6	Dr. S. N. Naikwad	College of Engineering & Technology, Akola
7	Dr. Mrs. Vanita Kothale	Principal B. Ed. College, Amravati
8	Mr. Shivaji Kuche	(Motivational Speaker) Amravati
9	Prof. P. D. Bhanawat	College of Engineering & Technology, Akola


Dr. V. T. Bhugul
Program Coordinator


Prof. P. D. Bhanawat
Prof. I/C ISTE

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
College of Engineering & Technology, Akola - 444104 (M. S.)
Department of First Year

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On

"Role of Ethics, Human Values and behavioral Sciences on Effective Working of Faculties"

22nd April to 26th April 2019

Programme Schedule

Day & Date	Time	Event	Name of Resource person	Venue
Monday 22 nd April 2019	10.00 – 11.00 am	Inaugural Ceremony		Dr. Punjabrao Deshmukh Hall
	11.00 – 12.30 pm	Expert talk – Fundamental moral values & their use in effective working of faculty	Dr. H. N. Jha ,Dept of Management , SSGM College of Engg. Shegaon.	do
	12.30 – 1.00pm	Lunch		do
	1.00 – 4pm	Role of Ethics on working of faculties	Dr. V. T. Bhugul COE&T Akola	
Tuesday 23 rd April 2019	10.00- 12.30 am	Expert talk –Human values	Dr. Manish Sethi Jain (Motivational Speaker) Akola	do
	12.30 – 1.00pm	Refreshment		
	1.00 - 4.00 pm	Expert talk – Use of critical & creative thinking	Dr. Shantaram Bute Akola	do
Wednesday 24 th April 2019	10.00- 12.30 am	Expert talk- Use of scientific methods to interpret & solve problems in the behavioral sciences	Dr. Mahesh Dabre LRT College Akola	do
	12.30 – 1.00pm	Refreshment		
	1.00 - 4.00 pm	Expert talk - Professional & Traditional ethics	Dr. Mahesh Dabre LRT College Akola	do
Thursday 25 th April 2019	10.00- 12.30 am	Expert talk- Edication with human values	Dr. S. N. Naikwad COE&T Akola	do
	12.30 – 1.00pm	Refreshment		
	1.00 - 4.00 pm	Expert Talk-Application of behavioural science to personal, social & organizational issues.	Dr. Mrs. Vanita Kothale Principal B. Ed. College, Amravati	
Friday 26 th April 2019	8.00 – 10.30am	Stress Mitigation&shalin meditation workshop for all faculty & non teaching staff	Mr. Shivaji Kuche (Motivational Speaker) Amravati	Sir Visvesvaraya Hall
	10.30 – 11.00pm	Refreshment		
	11 am – 1.00 pm	Role of Moral Values for positive environment	Prof. P. D.Bhanawat COE&T Akola	
	1.00 – 1.30	Concluding function		
	1.30 – 2.30 pm	Lunch		



Meed
Dr. V. T. Bhugul
(Co-ordinator)

Program Schedule



Inaugural ceremony



Key note by Dr. H. N. Zha



Dr. V. T. Bhugul , Coordinator of STTP gave introduction & objectives of STTP



Expert/ Resource person Dr. Mahesh Dabre addressed on " Professional & Traditional Ethics"



Expert talk by Dr. Manish Sethi Jain, on Use of human values, Critical & creative thinking



Expert talk by Dr. S. Naikwad, on Education with Human values



Dr. S. K. Deshmukh, Principal welcome the resource person Mr. Shivaji Kuche a motivational speaker




Dr. S. K. Deshmukh Addressed the participants in concluding session of STTP



Group Photo of participants

Report submitted by : Dr. V. T. Bhugul, Coordinator STTP




Dr. V. T. Bhugul
 (Chairman FYMC)

Department Of First Year Engineering (Applied Sciences & Humanities)

Service to the society through extension activities

Best Practice -1: “Development of social responsibility among the students”

Objective of the practice:

The syllabus of Sant Gadge Baba Amravati University, Amravati under choice based credit system (CBCS) , the subject/ course introduced at entry level i. e. at First Year B. E. are quite application oriented. In view of Mission & Vision of this institute, to developed the social responsibility among the students for service to the downtrodden living in rural areas, department of Engg. Chemistry established an extension counter. Under this extension counter water quality , food quality testing and some parameters of soil testing carried out by the students and faculty. The reagents and facilities required for such testing are easily available in Engg. Chemistry lab. The students estimate the water quality parameter in their regular lab session. The first-year engineering department took this advantage of man power and facilities available in department and applied the knowledge gained by the students for testing quality water, food and soil.

Need addressed & Context:

For service to the society, department of Engineering Chemistry opened an extension counter to provide such testing facility to the peoples of nearby villages in the vicinity of this institute in the year 2021-22 under the guidance of Principal Dr. S. K. Deshmukh . The counter was inaugurated by Dr. P. V. Thorat (Officiating Principal) & Dr. S. K. Patil (IQAC coordinator) on the occasion of ***National Science Day, 28th Feb. 2022***. Department of Engg. Chemistry organized practice session / workshop to give training to the first year students, how to test the quality of water, food & soil in laboratory. The villagers living in vicinity of this institute are using water for potable purpose from sources available in their villages such as well, tube well etc. and it is not safe for their health. They do not aware about the quality of water, hence there was a need to aware them and provide service of testing without charging any service fees.

The Practice:

Department of First year Engineering organized meeting with students and guided them about the testing of water quality as per Indian slandered, adulteration in food and also some parameter of soil such as moisture, pH, NPK

etc. The students used all the chemicals and equipment available in laboratory for testing samples, deposited by villagers using slandered procedure under the guidance of Dr. V. T. Bhugul & Dr. Mrs. J. V. Shegokar and prepare the report. In such practices teachers of allied department & NSS volunteers were also involved.

Evidence of success:

Most of the students admitted in this institute are from rural areas, there is no water testing facilities available in their villages. Students were appealed the villagers to take advantages of these testing facilities. The villagers brought samples for testing, we received very good response among the villagers from Bhabhulgaon, Dongargaon, Kumbhari, Sisa-Masa, Vizora etc. During mentoring and parent meet we came to know that, the villagers and parents of students are very much satisfied about this service given by this institute to the society and we the faculty and students also satisfied to fill full moto “Service to the downtrodden through education “ of shri Shivaji education society Amravati.

Inauguration of Extension Counter



Dr. S. K. Patil (IQAC Coordinator) inaugurating extension service counter 28/02/2021



News Published in Daily Deshonnati

News

शिवाजी अभियांत्रिकी महाविद्यालयात विस्तार कक्षाचे उद्घाटन

सकाळ वृत्तसेवा

अकोल, ता. २ : राष्ट्रीय विज्ञान दिवसाच्या निमित्ताने श्री शिवाजी शिक्षण संस्था असरावती द्वारा संचालित अभियांत्रिकी व तांत्रिकी महाविद्यालयांमध्ये प्रथम वर्ष अभियांत्रिकी विभागाद्वारे विविध स्पर्धांचे आयोजन करण्यात आले होते.

कार्यक्रमाचे उद्घाटन महाविद्यालयाचे प्रभारी प्राचार्य डॉ. प्रशांत थोरत, प्रथम वर्ष विभाग प्रमुख डॉ. विकास भुगुल व महाविद्यालयाच्या अंतर्गत गुणवत्ता हमी सेलचे समन्वयक डॉ. संजय पाटील यांच्या हस्ते करण्यात आले. कार्यक्रम समन्वयक प्रा. सी. शारदा देशमुख यांनी प्रास्ताविक केले. सानिका पुनसे, खादिण्या सय्यद, मानसी मोरे तथा हिमांशू रोकडे या विद्यार्थ्यांनी कार्यक्रमाचे संचालन केले. प्रथम वर्ष संगणक शाखेच्या गायत्री तीवसकर व यश यादव यांनी विज्ञान दिवसाचे महत्त्व सांगितले.

महाविद्यालयामध्ये शिक्षण घेत असताना अवगत केलेल्या ज्ञानाचा उपयोग समाजासाठी पोहोचवणे तसेच विज्ञान व तंत्रज्ञानाची सांगड घालून ग्रामीण भागातील दुर्लक्षितांचे जीवनमान उंचावणे हा दृष्टिकोन



अकोल : श्री शिवाजी अभियांत्रिकी महाविद्यालयात विज्ञान दिनाच्या कार्यक्रमात सहभागी झालेले विद्यार्थी.

देऊन विद्यार्थ्यांनी कार्य करायला हवे, असे आवाहन या प्रसंगी प्राचार्य प्रशांत थोरत यांनी विद्यार्थ्यांना केले.

महाविद्यालयाच्या उपयोजित रसायनशास्त्र विभागामध्ये विस्तार कक्षाचे उद्घाटन करण्यात आले. या प्रसंगी आयोजित विविध स्पर्धांमधील प्रश्न मंजुषा स्पर्धा स्वप्नील काळडकर या विद्यार्थ्याने जिंकली, मॉडेल स्पर्धे मधील साक्षी व ईशा देशमुख, गौरांग खेतान, प्रथमेश कटवारमल, टीमच्या अल्त्रासोनिक रोबोटिक मॉडेल, नंदिनी खरवडे, सानिका पुनसे, हिमांशू रोकडे व जगमती जाधव यांच्या वॉकिंग ऑफ हाइड्रोस्ट्यास्टॉक ट्रेन मॉडेलनेलला अनुक्रमे प्रथम व द्वितीय पारितोषिक देण्यात आले. पोस्टर स्पर्धे मध्ये साक्षी व ईशा देशमुख, जयश्री बाहुते


व गायत्री काकड यांनी प्रथम तर प्राची भोयर व क्षुती माहलकर या विद्यार्थ्यांनी द्वितीय स्थान मिळविले. पारितोषिक वितरण समारंभाला प्राचार्य डॉ. थोरत, प्रससकीय विभाग प्रमुख प्रा. सुरेश लालराणी, प्रा. प्रेमसागर भानावत उपस्थित होते.

कार्यक्रम यशस्वी करण्याकरिता विविध स्पर्धांचे विद्यार्थी समन्वयक शाफिर मोहम्मद, मुस्कान जातायला, अक्षदा काम्बलकर, गुंजन नेरकर, मय्येय जोशी, नितल बदलीया, अथर्व टाळे, क्षुती सावरकर, रिशेश गावडे, प्रा. मंगेश धर्माल, प्रा. एस. वे. निगवाल, प्रा. संजय मालयाणी, प्रा. आनंद विहाडे, प्रा. कल्पना देशमुख व डॉ. ज्योती शेंगेकर यांनी परिश्रम घेतले.

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दिक
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करण
फाय


Dr. V. T. Bhugul
(Chairman FYMC)



SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S
COLLEGE OF ENGINEERING & TECHNOLOGY, AKOLA'S
SCHOOL OF ARCHITECTURE

email – jadearchitects@gmail.com		OFF. : (0724) 2259024, 2259069, 2435070
Resi. : (0724) 2459580, Fax.: (0724) 2427366		
Founder President Late Dr. Panjabrao Deshmukh	President, Hon. Harshwardhan Deshmukh	Principal, Prof. Dr. S.K. Deshmukh
2019 Oct. 15 th	No. COETA/Arch./	/19

HOUSEHOLD & PHYSICAL INFRASTRUCTURE SURVEY AT VILLAGE MURAMBA, DIST. AKOLA UNDER UNNAT BHARAT ABHIYAN

Eight Students from B. Arch. Fourth Year, School of Architecture, COET, Akola conducted Household & Physical Infrastructure survey on dated 30th Sept. 2019 as part of Unnat Bharat Abhiyan. In this survey, we collect the primary information from the Respondents regarding their Shelter, Land holding information, agricultural inputs, major problems & Govt. Schemes implemented in the Village.

During this survey Prof. D. L. Jade, Head, SOA, Prof. Anand Pande, College Coordinator, Unnat Bharat Abhiyan from COET, Akola & eight students of fourth year was engaged. Students surveyed the samples of Household and draw its schematic layout with the facilities of drainage systems, slope of sewers through Google maps.

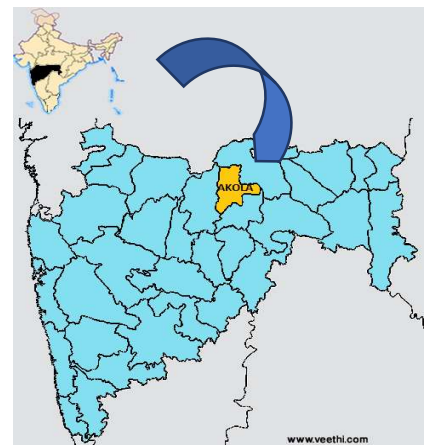
Mr. Narayan Bhatkar- Sarpanch, Muramba, Mr. Rajubhau Bhatkar - Village Coordinator, Unnat Bharat Abhiyan, Muramba & local people were present and supported the Survey.

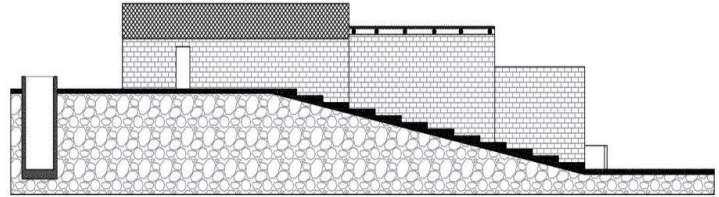


Muramba is a Village in Murtijapur Taluka in Akola District of Maharashtra State, India.

Consisting of 225.47 Hectares of land in which 1.21 Hectares is Non – Agricultural Area & 195.47 Hectares is Total Irrigated Area

- **By Road**
- Muramba is 16km far from Murtijapur which is the Nearest Town
- Road connectivity is there from Murtijapur to Muramba. Akola is **49 km** from Muramba.
- **By Rail**
- Murtajapur Rail Way Station is the nearby railway stations to Muramba.





Total population is 575 and number of houses are 137. Female Population is 45.6%. **Village** literacy rate is 83.1% and the Female Literacy rate is 35.5%.

ISSUES IN MURAMBA



Chocking of Drains & Water logging near ZP School



Vanishing education because of low infrastructure facilities

EXISTING SCENARIO

There is only one school in the village with no proper infrastructure & is marathi medium & only till std 4

FINDINGS

Students who wish to study further or in English medium school are losing interest of going to the existing school of the town.

And so have to travel nearby village 'Dahatonde' for education.



Students of Architecture documented and sketch the Heritage Structures in the village so that during the proposal its Skyline as well as Architectural Style can be retain through our Architectural Low cost House hold Proposal under the scheme of Pradhan Mantri Awas Yojana and fullfill the needs of Unnat Bharaty Abhiyan.



ISSUES

- Their are Only **12 students** in the school, Among the population of **53 kids** (with the record from 2011 census)
- Water logging in front of school

[Handwritten Signature]

Prof. Ar. Dilip Jade
Prof. In Design Chair & Head,
School of Architecture COET, Akola.
E. & T 001A

Consultancy

The consultancy provided by a institute is both the source of its revenue generation and way to serve the society. Consultancy provided by institute is a benchmark for some agencies. The college of engineering and technology Akola has been providing this service to the people in this region for a long time. The consultancy work of this institute may be broken into two parts as follows:

- 1. Social consultancy: The social consultancy is directed mainly towards the service of the society. The aim here is to provide service to the society at minimal cost or no cost. The chemical department and the chemistry department have conducted water testing free of cost. The institute is trying to serve the people of the region by providing free services for testing where its possible. The social consultancy provided by the institute is in adherence with policies of the parent society. The mission and vision of the institute is also adhered to during this process. The social consultancy where-ever possible is a means of strengthening the professional prowess of faculty and staff. This has been practised by this institute since long.*
- 2. Paid Consultancy: The paid consultancy is the services rendered by the institute in lieu of its technical expertise and prowess. Different departments of this institute having expertise in different areas provide consultancy to the outside world as well as to the parent society. Total revenue generation of the institute from is nearly 1.5 Crores in the accreditation period i.e., 2017-2022. The consultancy work of various departments is as follows.*

Chemical /Polymer Department: The Chemical / Polymer department provides consultancy in the tensile strength testing. The following tests are conducted with respect to tensile testing.

- 1. Warf, Weft test*
- 2. Breaking Strength test*
- 3. Melt flow test.*
- 4. Dart impact test.*
- 5. Dielectric strength*
- 6. Flex tester.*

Civil and Architecture department

The civil and Architecture departments of the institute provide consultancy to the parent society as well as to the outside world.

The parent society has formed a committee under the chairman ship of Hon. Principal for the development of the construction within the society. The work is shared by the Civil and Architecture department in the form of design, development and supervision. The parent society is utilizing the skills and services of this institute. The institute is also sharing its professional expertise for the development of the parent. The overall development of the parent society has direct impact on the development of region. This directly affects the lives of the masses.

Computer Department

The computer department is conducting a number of online exams which are again the services rendered to the people of this region at minimal cost. The institute is one among the few service providers of such type in this region. The development of such online exam centres where a number of entrance exams, staff selection exams are conducted reduce the pains of students and parents. The exam going students and parents have to all the way from some remote place to the Metro city to appear for such exams.

The online exam centre at COET, Akola has caused convenience many rural folks which again maps with Mission and Vision of the institute and parent society. It is a service to society at minimum cost and maximum convenience.