Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

Approved by A.I.C.T.E., New Delhi

D.T.E. Mumbai, Govt. of Maharashtra

Permanent Affiliation to DBATU, Lonere, Shivaji University, Kolhapur

NBA Accredited Programs *

* Mechanical, Electrical, Civil

NAAC Accredited with "A" Grade

With CGPA of 3.08

7.1.4

Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities

7.1.4	***Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities***

Sr. No.	Event Name
1.	Celebration of Teacher's Day
2.	Inauguration Function ETSA
3.	e-Vision 2K17
4.	Fresher's Welcome Party
5.	Donation for Anath Ashram
6.	Guru Pournima
7.	Teacher's Day
8.	Book and Food commodities distribution at AVANI sansthan

1. E & Tc Department always try to motivate the students and faculties through various ways, in that context celebration of teacher's day is done. On that day students took the various lectures as per their choices in order to improving their stage daring skills. Teacher-Student relation is maintained and improved in this manner.
2. Inauguration Function ETSA is done, on that day various students show their different talents like singing, dancing and mimicry too. All students and faculties enjoyed a lot.
3. Fresher's Welcome Party for the new admitted students was organised by the department so as to mix up and interact with the old ones. Fresh students were motivated to utilise and improve their stage daring and other skills too.
4. AMGOI organised the national level event "e-Vision 2K17" in that event E & Tc department took initiative for the Singing competition in order to provide the platform. Because of this students got chance to show their respected skills in front of everyone, resulting inclusive environment was created and maintained.
5. Fresher's Welcome party was organised by the department so that the students who took new admissions feel free to interact with their seniors along with teaching and non-teaching staff.
6. Donation for the 'Anath Ashram' in the form of cash so that ashram can utilise the same in order to fulfil various needs of members from ashram. In this way department took initiative to maintain the inclusive environment through communal socioeconomic manner.
7. Department celebrated the "Guru Pournima" ,on that day various events were organised along with the photo pujan of idols. Also students were motivated for taking the lectures of various subjects as per their choices of respected classes. In this way department tried to improve the presentation skills of students.
8. Fresher's Welcome party was organised by the department on so that the students who took new admissions feel free to interact with their seniors along with teaching and non-teaching staff. New students were motivated by the seniors and teachers so that they can use stage to show their different abilities in different sectors.
9. Celebration of "Teacher's day" was done. Along with Photo Pujan of Dr. Sarvepalli Radhakrishnan our faculties motivated the students by giving speech on that day. Also students were appointed to take the lectures as per their interest so that they can show their talent in front of everyone.
10. On the occasion of Chatrapati Samhaji Maharaj Rajyabhishek, our department has organized a social activity on at AVANI Sansthan (Orphanage). Food commodities and books were donated to AVANI by department students and staff.

7.1.4	***Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities***

Seminars/Events Organized 2017-18

Sr. No.	Name of the Event	Resource Person	Day, Date
1	One Day workshop on "Women Empowerment & entrepreneurship Development""	Ms. Anjori Parandekar Manager OpEx | Centre for Training & Consultancy	Friday 8th Sept 2017
2	Celebration Of International Women's Day	Mrs. Sangeeta Shete Mrs.Seema S.Patil	Saturday 10th March 2018

Seminars/Events Organized 2018-19

Sr.No.	Name of the Event	Resource Person	Day,Date
1	Navratri Ustav	---	Wednesday 17th October 2019

- To create awareness of the Sexual Harassment & Prevention, amongst all girls students, internal complaints committee organizes various events and expert lectures. On 17th October, Internal Complaints Committee (ICC) has celebrated "Navratri Ustav". It is a focal point in the movement for Girl student's entertainment. Most of the Ladies faculty members and more than 250 girls students of AMGOI, Vathar have celebrated the "Navratri Ustav" day on the Wednesday 17th October. Mrs. S. H. Shete has created the awareness of Sexual Harassment & Prevention, amongst all girls students of AMGOI Vathar by her speech. Mrs. S.S.Patil and Mrs. S. V. Sagavkar, have encouraged the girls students by their speech. Some of the Girls students, Ms. Aishwarya Patil, Ms. Aaiman Momin Patil, have shared their thoughts. Girl's students of the Mechanical Engg. Dept have arranged Dandiya celebration and some funny games on the same day. There was overwhelming response for the same.

7.1.4	***Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities***

Sr. No.	Event Name
1	Celebration of Teacher's Day
2	Rajmata Jijau Jayanti
3	Swami Vivekanand Jayanti
4	Celebration of Chatrapati Sambhaji Maharaj Rajyabhishek Din
5	Celebration of Guru Purnima
6	Celebration of Graduation Day
7	Chatrapati Shivaji Maharaj Jayanti celebration
8	Science Day celebration

1. On the occasion of Birth anniversary of Dr Sarvepalli Radhakrishnan, Teacher's day was celebrated by E&Tc department. On that day photo pujan of Radhakrishnan sir was done and various activities like all faculties gave speeches on importance of teacher in student life. Also students took lectures of various subject as per their choices.
2. On the occasion of Birth anniversary of Dr Sarvepalli Radhakrishnan, Teacher's day was celebrated by E&Tc department. Students were appointed to take the lectures as per their interest in various subject to the respected classes.
3. As a tribute to the Bharat Ratna awardee, Mokshagundam Visvesvaraya, on his birth anniversary dated on 15th September Engineer's day was celebrated by department. Different activities were taken along with photo pujan of Mokshagundam Visvesvaraya.
4. On the occasion of Chatrapati Samhaji Maharaj Rajyabhishek, our department has organized a social activity at AVANI Sansthan (Orphanage). Food commodities and books were donated to AVANI by department students and staff .
5. As a honour to the respected teachers Guru purnima was celebrated by the department . On that day number of students gave speeches on how teachers make changes in their life along with how important is having a great teacher in their respected student life. Also students took lectures of various subjects on various classes.
6. Graduation day is always a day of rejoicing as it signifies the culmination of many years of hard work in the relentless pursuit of knowledge. In that same context Graduation day was celebrated by department, on that day degree felicitation to outgoing students along with the relative activities were carried out.
7. The pride of everyone Chatrapati shivaji maharaj birth anniversary was celebrated by department. On that Chatrpati Shivajaynti was celebrated by department by statue pujan of Chatrapati Shivaji was done. Every member of department including students and teaching-nonteaching staff was in the traditional dresses. Everyone gave his/her 100% to show gratitude towards Chatrpati Shivaji Maharaj through different ways.
8. To commemorate the discovery of the Raman Effect the science day was celebrated by the department. On that day all the projects of the department students were arranged in the corridor as project exhibition so as to motivate the students in their respected work areas.

7.1.4	***Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities***

Date: 27/07/2018

<u>"Guru Pornima"</u>

"Guru Pornima" was celebrated on 27th July, 2018. The event was organized by Students for showing gratitude towards their Guru's. Students greeted teachers by felicitating them with a Plant, giving a social message of tree plantation and explaining the importance of tree plantation. Prof P. B. Ghewari H.O.D E&TC, addressed students through his speech. The event was by a way of a tribute to teachers who are greatest contribution in a person's life.

Prof P. B. Ghewari felicitating Exe. Director. Dr. D. N. Mudgal on the occasion of Guru Pornima

Prof P. B. Ghewari felicitating Director. Dr. K. Ravi on the occasion of Guru Pornima

Celebrating Guru Pornima in presence of Department Faculties

Student showing gratitude towards GURU on the occasion of Guru Pornima

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
Ashokrao Mane Group of Institutions
Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur 416112
Department of Electronics & Telecommunication Engineering

(2017-18)

Activities Even Semester

"Social Activity"

Books and Food Commodities distribution at AVANI Sansthan

On the occasion of Chatrapati. Sambhaji Maharaj Rajyabhishekh, Department of Electronics and Telecommunication Engineering has organized a Social Activity on 17-1-2018 at Avani Sanstha (Orphanage). Food commodities and books were donated to AVANI by Departmental Students. Prof. P. B. Ghewari (H.O.D E&TC) and Prof S. A. Bhosale along with few students visited AVANI sanstha.

H.O.D.

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

Ashokrao Mane Group of Institutions

Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur 416112

Department of Electronics & Telecommunication Engineering

Guest Lecture on "Internet of Things"

Guest lecture on Internet of Things was conducted on 30-1-2018. Mr. Miller was the speaker. Lecture has provided a brief introduction about IoT to Third year and Final Year Students.

Mr. Miller interacting with students on IoT

H.O.D.

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
Ashokrao Mane Group of Institutions
Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur 416112
0230-2407740/50/60 Fax: 0230-2407750 Visit us at www.amgoi.org
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

17/1/2018

Donation for Aanath Aashrsm :

Teaching Staff List:

Name of Staff	Amount	Sign
Mr. Pravin B. Ghewari	500/-	
Dr M. Sankar		
Mr. Pradip D. Pange	100/-	
Mrs. Seema S. Patil	50/-	
Mrs. Sandhya V. Sagavkar	100/-	
Mr. Pravin B. Desai	100/-	
Mr. Javed J. Mulani	100/-	
Mrs. Sarika S. Patil	50/-	
Mr. Sarvajeet A. Bhosale	500/-	
Ms. Amruta B. Kale	100/-	

Non Teaching Staff:

Name of Staff	Amount	Sign
Mr. Sangramsinh B. Patil		
Mr. Subhash B. Redekar		
Mr. Vijay P. Gatade		
Mr. Rohit P. Satape		
Mr. Namdev R. Bhosale		
Mr. Prashant N. Patil	-	
Mr. Ranjit Bhosale		

HOD

Shri BalasahebManeShikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

FACULTYOFMANAGEMENTSTUDIES(MBA)

VatharTarfVadgaon

A Report on Maharashtra Day & Labours Day

Ashokrao Mane Group of Institutions faculty of management studies (MBA) department was organized online event on Maharashtra Day & Labours Day under the social club with teaching and non teaching staff and MBA I and II year Students.

On1st May 2021, we have celebratedMaharashtra Day & Labours Day.

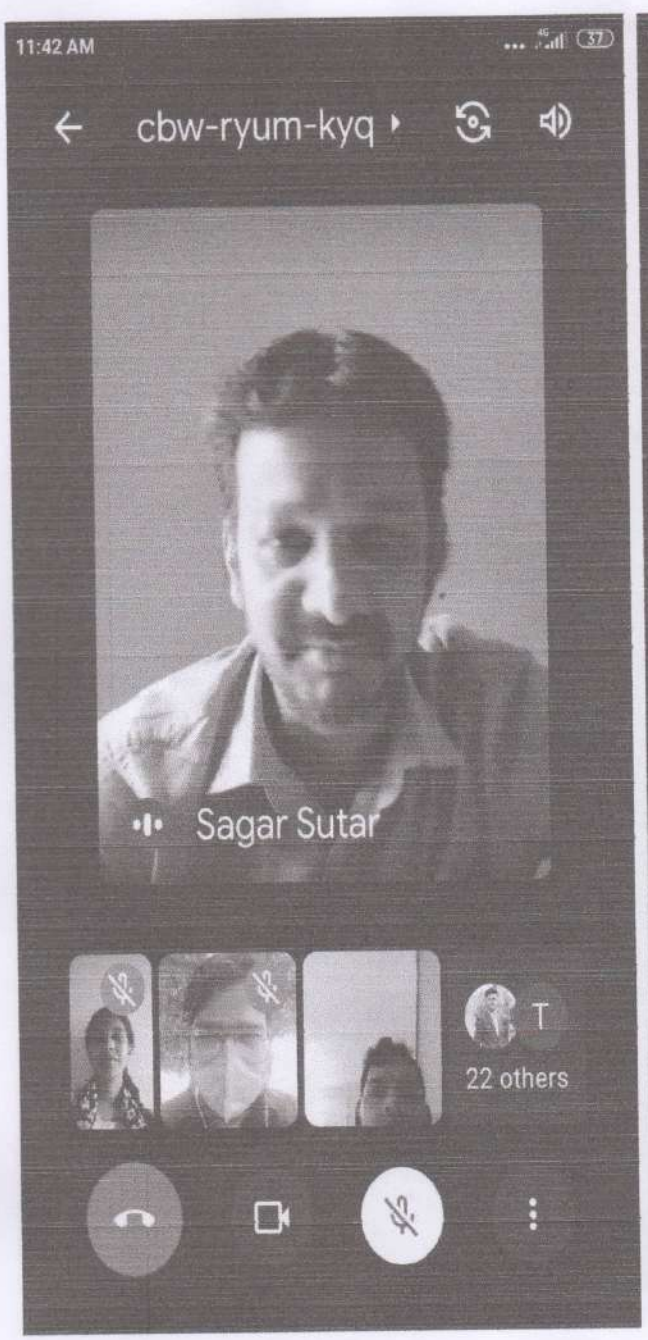
Welcome speech was given by Nivedita Patil. Agenda of the function was proposed by the Vinayak Salokhe. After that Aishwarya Chougule from MBA 1st year wasexpress few words about the Maharashtra Day & Labours Day. Then Amruta Dive from MBA 1st year has expressed few words about the Maharashtra Day & Labours Day.

After that the guest of the Honour Dr. A. K. Maske has expressed few words about the function with all the students.

After that Head of Department Prof. Sagar Sutar has expressed few words about the function with all the students.

Then vote for Thanks was given by Prof. Pravin Patil

The event was successful because of management of Institute and Director sir has given the permission, hence we take this opportunity and thanks to the management.


11:42 AM
cbw-ryum-kyq
Sagar Sutar
T
22 others

11:17 AM
cbw-ryum-kyq
Tejas Sawant
A
Amruta
25 others

Prof. A. S. Sonavane
(Coordinator of Social Club)

Prof. T. P. Sawant
(Class Coordinator)

Prof. S. S. Sutar
(Head, MBA)

Prof.P.B.Ghewari
I/C Director

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's
ASHOKRAO MANE GROUP OF INSTITUTION
NH – 4, Vathar Tarf Vadgaon, Tal: - Hatkanangale, Dist: - Kolhapur - 41611.
Phone: (0230) 2407740, 2407750, 2407760 Fax: (0230) 2407750
NBA accredited Programs* | Accredited by NAAC with 'A' Grade (CGPA 3.08)

Founder President	I/C Director	President
Late Shri. Ashokrao Mane	Prof. Pravin B. Ghewari	Hon. Shri. Vijaysinh A. Mane

10/03/2021

"Woman's Day Celebration and Savitribai Fule Punyatithi"

In this Activity, the department of Computer Science & Engineering celebrates "**Woman's Day and Savitribai Fule Punyatithi**" in Computer Science and Engineering" for SY,TY, B.Tech students. The students of SY Btech.students give speech on "**Woman's Day and Savitribai Fule Punyatithi" also HOD CSE** shere his thoughts towards woman's day.Venue for this activity is classroom of CSE Department. On the 10/03/2021 **Prof.V.D.Desai.** organize this event.

Prof.V.D.Desai

Prof.P.A.Chougule
HOD CSE

HOD
Computer Science & Engineering
AMGOI, Facalty of Engineering
Vathar Tarf Vadgaon, Dist. Kolhapur

*Civil, Mechanical & Electrical Engineering

Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

FACULTY OF MANAGEMENT STUDIES (MBA)

Vathar Tarf Vadgaon

A Report on Mahatma Phule Jayanti

Ashokrao Mane Group of Institutions faculty of management studies (MBA) department was organized, an online event on "Mahatma Phule Jayanti", under the Social club and Movies club with teaching and non teaching staff and MBA I and II year Students.

On 11th April 2021, we have celebrated Mahatma Phule Jayanti.

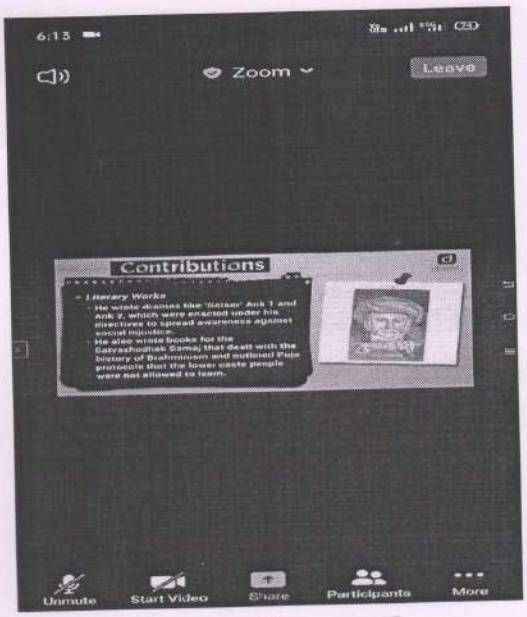
Welcome speech was given by Nivedita Patil. Intro of the function was proposed by the Shrinath Wadiyar.

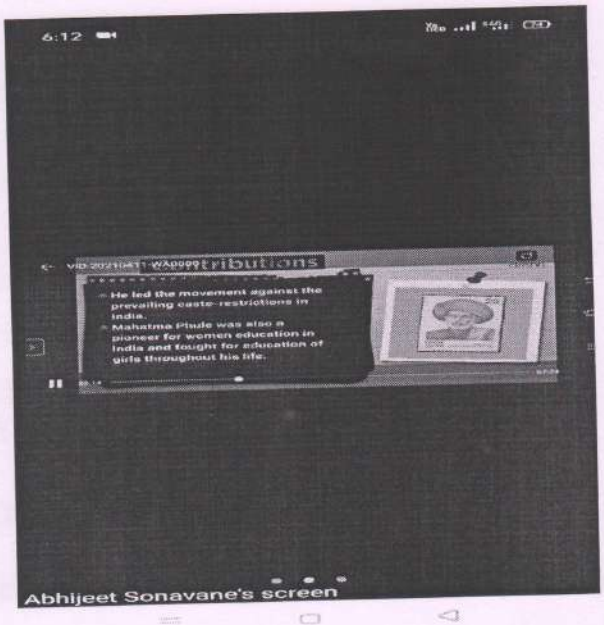
Mayuri Kulkarni from MBA 1st year has expressed few words about the function.

After that respected Prof. Sagar Sutar sir has expressed few words about the function with all the students.

After that short video played and formal thanks giving was given by Shweta Lokare.

The event was successful because of management of Institute and Director sir has given the permission, hence we take this opportunity and thanks to the management.





Prof. A. S. Sonavane
(Coordinator of Social Club)

Prof. T. P. Sawant
(Class Coordinator)

Prof. S. S. Sutar
(Head, MBA)

Prof.P.B.Ghewari
I/C Director

Shri Balasaheb Mane Shikshan Prasarak Mandal's

ASHOKRAO MANE GROUP OF INSTITUTIONS

FACULTY OF MANAGEMENT STUDIES (MBA)

Vathar Tarf Vadgaon

A Report on Dr. Babasaheb Ambedakar Jayanti

Ashokrao Mane Group of Institutions faculty of management studies (MBA) department was organized online event through google meet, on Dr. Babasaheb Ambedkar Jayanti under the social club with teaching and non teaching staff and MBA I and II year Students.

On 14th April 2021, we have celebrated Dr. Babasaheb Ambedkar Jayanti.

Welcome speech was given by Shweta Lokare. Agenda of the function was proposed by the Akash Kamble. After that Mayuri Kapare from MBA 1st year has express few words about the Dr.Babasaheb Ambedakar. Then Rewati Mane from MBA 1st year has express few words about the Dr.Babasaheb Ambedkar.

After that Head of Department Prof. Sagar Sutar has expressed few words about the function with all the students and guest of Honour Dr. R.M. Mirajkar has expressed few words about the function with all the students.

Guest of Honour - Dr. R.M.Mirajkar

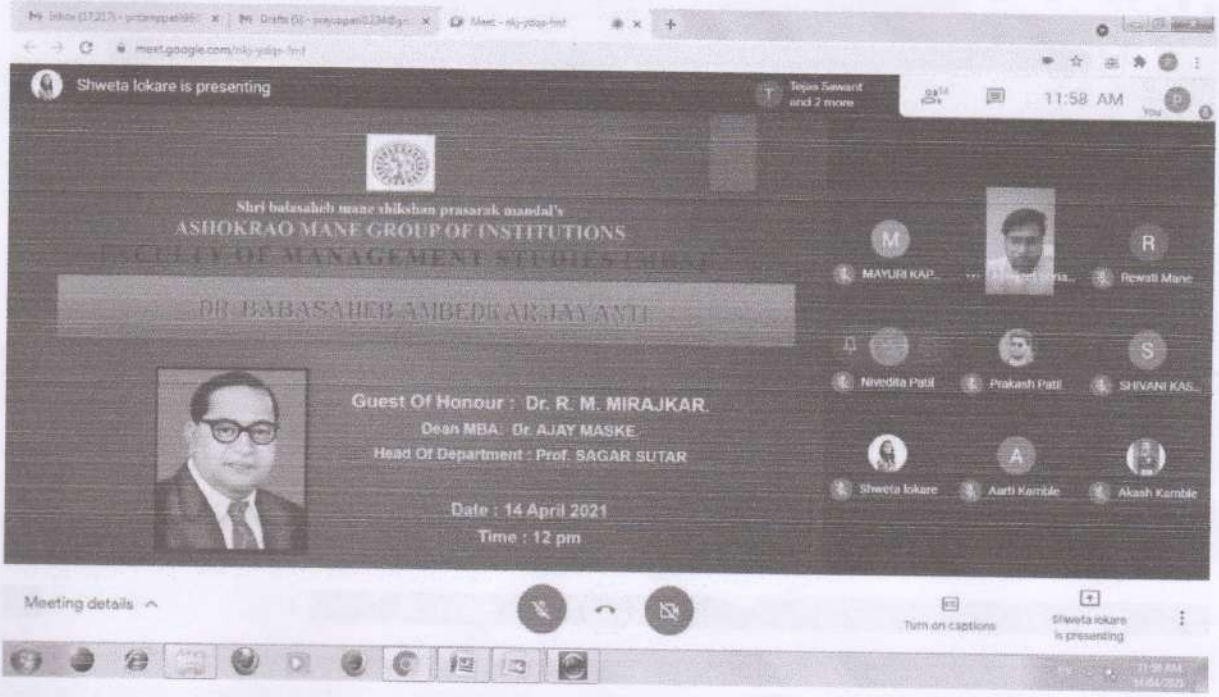
M. Sc. (Statistics), LL. B., M. Phil.,Ph.D.

Ex. I/c. Principal, Dr. BabasahebAmbedkar College, PethVadgaon, dist. Kolhapur.

Teaching Experience - 33 years.

Then vote of Thanks proposed by Prof. Abhijeet Sonavane

The event was successful because of management of Institute and Director sir has given the permission, hence we take this opportunity and thanks to the management.


Shweta lokare is presenting
Tejas Sawant and 2 more
11:58 AM
Shri balasaheb mane shikshan prasarak mandal's
ASHOKRAO MANE GROUP OF INSTITUTIONS
FACULTY OF MANAGEMENT STUDIES (MBA)
DR. BABASAHEB AMBEDKAR JAYANTI
Guest Of Honour : Dr. R. M. MIRAJKAR.
Dean MBA: Dr. AJAY MASKE
Head Of Department : Prof. SAGAR SUTAR
Date : 14 April 2021
Time : 12 pm
MAYURI KAP...
Rewati Mane
Nivedita Patil
Prakash Patil
SHIVANI KAS...
Shweta lokare
Aarti Kamble
Akash Kamble
Meeting details
Turn on captions
Shweta lokare is presenting

Shiva Jadhav and 21 more
12:23
Abhijeet Sonavane
Akash Kamble
Prin. Dr. Ramesh M. Miraj...
Nilesh Ghasta
pritam patil
Sagar Sutar
Meeting details
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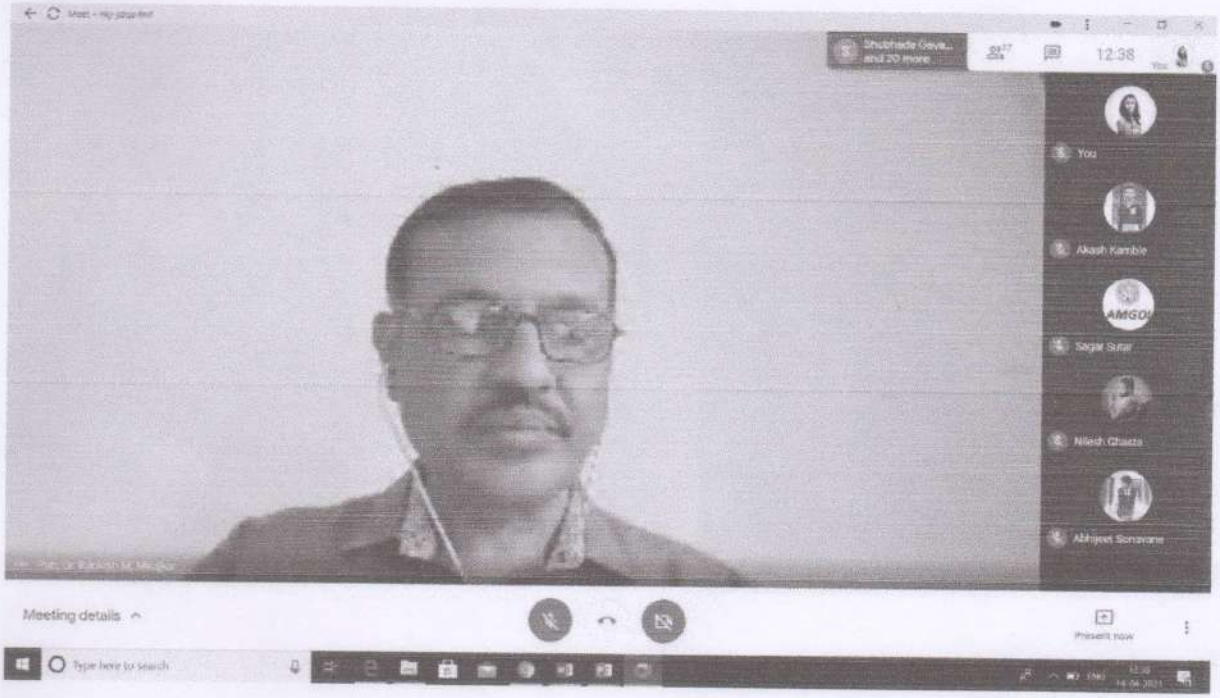
Shubhada Gave... and 20 more
12:38
You
Akash Kamble
AMGOI
Sagar Sutar
Nilesh Ghaste
Abhijeet Sonavane
Meeting details
Present now
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Amruta Dive and 18 more
12:30
You
Akash Kamble
AMGOI
Sagar Sutar
Nilesh Ghaste
Abhijeet Sonavane
Meeting details
Present now
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Amruta Dive and 18 more
12:47
You
Akash Kamble
Sagar Sutar
Nilesh Chaste
Prin. Dr. Ramesh M. Miraj..
Abhijeet Sonawane
Meeting details
Present now
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12:15
dhanraj patil
Abhijeet Sonawane
Sagar Sutar
Prin. Dr. Ramesh M. Miraj..
Akash Kamble
Riswati More
Nilesh Chaste
pritam patil
MAYURI KAPARE
Pooja Patil
vicky wadiyar
Nivedita Patil
Prakash Patil
Saurabh More
sagar sutar
SHIVANI KASOTE
Shubheda Gawandi
Shiva Jadhav
Aarti Kamble
Aishwarya Patil
akshay madane
Akash suryawanshi
Vinayak Patil
Mayuri Kulkarni
Amruta Dive
Sakkin Mulla
Tejas Sawant
Aishwarya Chaugule
Meeting details
Present now
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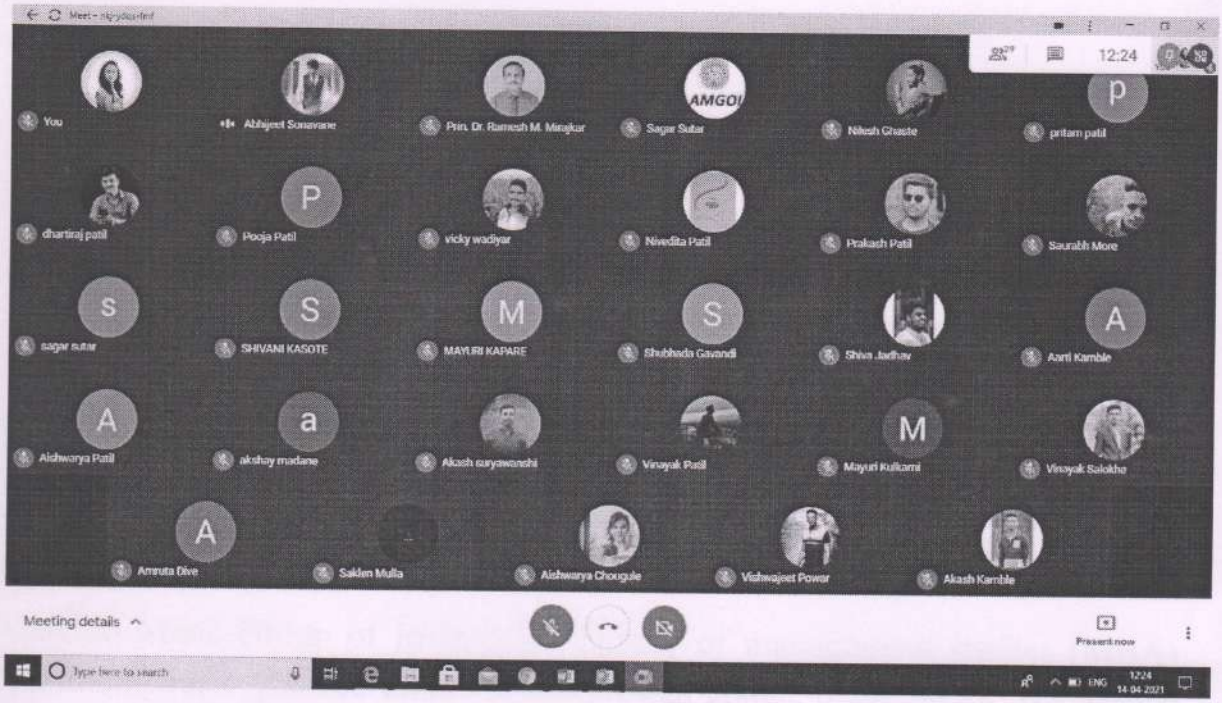

Prof. A. S. Sonavane	Prof. T. P. Sawant	Prof. S. S. Sutar	Prof.P.B.Ghewari
(Coordinator of Social Club)	(Class Coordinator)	(Head, MBA)	I/C Director

Celebration of Chhatrapati Shivaji Maharaj Jayanti (2018- 2019)

Celebration of Gurupournima (2017- 2018)

Celebration of Teacher's Day (2018- 2019)

Celebration of Rajmata Jijabai Jayanti (2017- 2018)

Celebration of Women's Day (2021- 2022)

Basic Human Rights

BTHM403	HSSMC3	Basic Human Rights	3-0-0	3 Credits

Teaching Scheme:	**Examination Scheme:**
Lecture: 3 hrs/week	Continuous Assessment: 20 Marks Mid Semester Exam: 20 Marks End Semester Exam: 60 Marks(Duration 03 hrs)

Pre-Requisites: None

Course Outcomes: At the end of the course, students will be able to:

CO1	Understand the history of human rights.
CO2	Learn to respect others caste, religion, region and culture.
CO3	Be aware of their rights as Indian citizen.
CO4	Understand the importance of groups and communities in the society.
CO5	Realize the philosophical and cultural basis and historical perspectives of human rights.
CO6	Make them aware of their responsibilities towards the nation.

Mapping of course outcomes with program outcomes

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO1
CO1						2						
CO2												
CO3												
CO4									3			
CO5								2		2		

CO6												1

Course Contents:

Unit 1: The Basic Concepts, Fundamental Rights and Economic Program [07 Hours]
Individual, group, civil society, state, equality, justice. Human Values, Human rights and HumanDuties. Declaration of independence, Rights of citizen, Rights of working and exploited people Society, religion, culture, and their inter-relationship. Impact of social structure on humanbehavior.
Social Problems: Social and communal conflicts and social harmony, rural poverty, unemployment, bonded labor.

Unit 2: Workers and Human Rights [07 Hours]
Migrant workers and human rights violations, human rights of mentally and physically challenged. State, Individual liberty, Freedom and democracy.

Unit 3: NGOs and Human Rights in India [07 Hours]
Land, Water, Forest issues.

Unit 4: Human Rights in Indian Constitution and Law [07 Hours]
i) The constitution of India: Preamble
ii) Fundamental rights.
iii) Directive principles of state policy.
iv) Fundamental duties.
v) Some other provisions.

Unit 5: UDHR and Indian Constitution [07 Hours]
Universal declaration of human rights and provisions of India; Constitution and law; National human rights commission and state human rights commission.

References:
1. Shastry, T. S. N., "India and Human Rights: Reflections", Concept Publishing Company India (P Ltd.), 2005.
2. C. J. Nirmal, "Human Rights in India: Historical, Social and Political Perspectives (Law in India)", Oxford

BTHM3401Basic Human Rights

Teaching Scheme: (2 Lectures) hours/week

Course Contents

Module 1: Basic Concepts **(Lectures 04)**

Individual, group, civil society, state, equality, justice. Human Values, Human rights & Human Duties: Origin, Contribution of American bill of rights, French revolution. Declaration of independence, Rights of citizen, Rights of working & exploited people

Module 2: Fundamental Rights and Economic Program **(Lectures 04)**

Society, religion, culture, and their inter-relationship. Impact of social structure on human behavior, Social Structure and Social Problems: Social and communal conflicts and social harmony, rural poverty, unemployment, bonded labour.

Module 3: Workers and Human Rights **(Lectures 04)**

Migrant workers and human rights violations, human rights of mentally and physically challenged. State, Individual liberty, Freedom and democracy.

Module 4: NGOs and Human Rights in India **(Lectures 04)**

Land, Water, Forest issues.

Module 5: Human Rights in Indian Constitution and Law **(Lectures 04)**

i) The Constitution of India: Preamble; ii) Fundamental rights; iii) Directive principles of state policy; iv) Fundamental duties; v) Some other provisions

Module 6: UDHR and Indian Constitution **(Lectures 04)**

Universal declaration of human rights and provisions of India; Constitution and law; National human rights commission and state human rights commission.

References

1) Shastry, T. S. N., "India and Human Rights: Reflections", Concept Publishing Company India (P Ltd.), 2005.

2) C. J. Nirmal, "Human Rights in India: Historical, Social and Political Perspectives (Law in India)", Oxford India.

☑☑☑☑☑☑☑☑☑☑☑

BTHM403: Basic Human Rights

[Unit 1] **[6 Hours]**

The Basic Concepts: - Individual, group, civil society, state, equality, justice, Human Values, Human rights and Human Duties: - Origin, Contribution of American bill of rights, French revolution, Declaration of independence, Rights of citizen, Rights of working and exploited people.

[Unit 2] **[6 Hours]**

Fundamental rights and economic programme, Society, religion, culture, and their inter relationship, Impact of social structure on human behavior, Social Structure and Social Problems: - Social and communal conflicts and social harmony, rural poverty, unemployment, bonded labor.

[Unit 3] **[6 Hours]**

Migrant workers and human rights violations, human rights of mentally and physically challenged, State, Individual liberty, Freedom and democracy, NGOs and human rights in India: - Land, Water, Forest issues.

[Unit 4] **[6 Hours]**

Human rights in Indian constitution and law:- i) The constitution of India: Preamble ii) Fundamental rights iii) Directive principles of state policy vi)Fundamental duties v) Some other provisions.

[Unit 5] [6 Hours]

Universal declaration of human rights and provisions of India, Constitution and law, National human rights commission and state human rights commission.

Text Book:

1. Shastry, T. S. N., India and Human rights: Reflections, Concept Publishing Company India (P Ltd.), 2005.

Reference books:

1. Nirmal, C.J., Human Rights in India: Historical, Social and Political Perspectives (Law in India), Oxford India

B. Tech in Electronics & Telecommunication Engineering
Curriculum for Second Year

Semester III

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
BSC	BTBS301	Engineering Mathematics – III	3	1	-	20	20	60	100	4
PCC 1	BTETC302	Electronic Devices & Circuits	3	1	-	20	20	60	100	4
PCC 2	BTETC303	Digital Electronics	3	1	-	20	20	60	100	4
ESC	BTES304	Electrical Machines and Instruments	3	1	-	20	20	60	100	4
LC	BTETL305	Electronic Devices & Circuits Lab	-	-	2	60	-	40	100	1
LC	BTETL306	Digital Electronics Lab	-	-	2	60	-	40	100	1
Seminar	BTETS307	Seminar I	-	-	4	60	-	40	100	2
Internship	BTES211P	Internship – 1 Evaluation	-	-	-	-	-	-	-	Audit
		Total	**12**	**4**	**8**	**260**	**80**	**360**	**700**	**20**

Semester IV

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 3	BTETC401	Network Theory	3	1	-	20	20	60	100	4
PCC 4	BTETC402	Signals and Systems	3	1	-	20	20	60	100	4
HSSMC	BTHM403	Basic Human Rights	3	-	-	20	20	60	100	3
BSC	BTBS404	Probability Theory and Random Processes	3	-	-	20	20	60	100	3
PEC 1	BTETPE405	(A) Numerical Methods and Computer Programming	3	1	-	20	20	60	100	4
		(B) Data Compression & Encryption								
		(C) Computer Organization and Architecture								
		(D) Introduction to MEMS								
		(E) Python Programming								
LC	BTETL406	Network Theory Lab & Signals and Systems Lab	-	-	4	60	-	40	100	2
Seminar	BTETS407	Seminar II	-	-	4	60	-	40	100	2
Internship	BTETP408 (Internship – 2)	Field Training /Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at onetime).	-	-	-	-	-	-	-	Audit (evaluation will be in V Sem.)
		Total	**15**	**3**	**8**	**220**	**100**	**380**	**700**	**22**

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course
PEC = Professional Elective Course, OEC = Open Elective Course, LC = Laboratory Course
HSSMC = Humanities and Social Science including Management Courses.

5. Mrinal Mandal and Amir Asif, Continuous and Discrete Time Signals and Systems, Cambridge University Press,2007.
6. Peyton Peebles, "Probability, Random Variable, Random Processes", 4th Edition, Tata McGraw Hill.
7. A. NagoorKanni "Signals and Systems", 2nd edition, McGrawHill.
8. NPTEL video lectures on Signals andSystems.
9. Roberts, M.J., "Fundamentals of Signals & Systems", Tata McGraw Hill.2007.
10. Ziemer, R.E., Tranter, W.H. and Fannin, D.R., "Signals and Systems: Continuous and Discrete", 4th 2001 Ed., Pearson Education.

BTHM403 Basic Human Rights — 3 Credits

Course Objectives:

1. To train the young minds facing the challenges of the pluralistic society and the rising conflicts and tensions in the name of particularistic loyalties to caste, religion, region and culture.
2. To give knowledge of the major "signposts" in the historical development of human rights, the range of contemporary declarations, conventions, and covenants.
3. To enable them to understand the basic concepts of human rights (including also discrimination, equality, etc.), the relationship between individual, group, and national rights.
4. To develop sympathy in their minds for those who are denied rights.
5. To make the students aware of their rights as well as duties to the nation

Course Outcomes:

- Students will be able to understand the history of human rights.
- Students will learn to respect others caste, religion, region and culture.
- Students will be aware of their rights as Indian citizen.
- Students will be able to understand the importance of groups and communities in the society.
- Students will be able to realize the philosophical and cultural basis and historical perspectives of human rights.