



7.2 Best Practices

I. Development of Innovative Mind-Set


II. Community Based Practices




Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

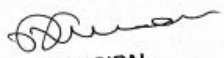
INDEX

		
VIVA Institute of Technology		
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INDEX		
SR.NO	TITLE OF CONTENT	PAGE NO.
1	BEST PRACTICE I –NCRENB 2018	2-6
2	BEST PRACTICE I –NCRENB 2019	7-11
3	BEST PRACTICE I –NCRENB 2020	12-15
4	BEST PRACTICE I –NCRENB 2021	16-20
5	BEST PRACTICE I –NCRENB 2022	21-25
6	BEST PRACTICE II-Social awareness program 2018	26-27
7	BEST PRACTICE II-Book Donation Camp 2019	28-29
8	BEST PRACTICE II-SANITARY PAD DONATION DRIVE “SHARING IS CARING” 2022	30
9	BEST PRACTICE II-“Donation Drive-Sharing is Caring” 2023	31-32
10	BEST PRACTICE II-Clothes Donation Campaign	33-38
11	BEST PRACTICE II-BLOOD DONATION 2021-22	39-46

Pages 01 to 46 endorsed by the principal




At: Shirgaon
Post: Virar,
Dist: Palghar
VIRAR (EAST)



PRINCIPAL
VIVA INSTITUTE OF TECHNOLOGY

Page 1 of 46







Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

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And Affiliated to University of Mumbai

I. Development of Innovative Mind-Set



National Conference on “Role of Engineers in Nation Building” NCRENB-2018

9th & 10th March, 2018

Organized By-
Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Shirgaon, Virar (East), District-Palghar, Maharashtra
Contact No.-0250 6990999 Website: www.viva-technology.org





NCRENB-2018
9th and 10th March 2018
REGISTRATION FORM

Name: _____

Designation: _____

Organization: _____

Address of Organization: _____

Address for correspondence: _____

Contact No(s) : (O) _____ (M) _____

Email(s): _____

Demand Draft No: _____

Dated: _____

Bank & Branch: _____





Rs.: _____

Date: _____ Signature: _____

Demand Draft should be drawn in favor of
“VIVA Institute of Technology” payable at Mumbai.

*Registration form along with DD should be mailed to
ncrenb.vit@vivacollege.org.

National Conference in Association with

Patrons
Hon. Shri. Hitendra Thakur
 President, VIVA Trust
Hon. Shri. P. D. Kodolikar
 Chairman, Managing Committee, VIVA Trust


Convener
Dr. Arun Kumar, Principal

Co-Convener
 Prof. Archana Ingle, H.O.D.(EXTC)

Coordinator
 Prof. Karishma Raut Prof. Bhushan Save
 Prof. Niyati Raut Prof. Lissy Jose
 Prof. Ashwini Save Dr. Ajazul Haque

Advisory Committee
Dr. Supratim Biswas
 Member board of Governors IIT, Bombay.
Mr. Ashok Asawale
 Vice President, Corporate IT, Mahindra & Mahindra.
Mr. Anil Dipnalk
 Chief manager & Local Key Expert Principal, R & D Siemens
Dr. Ashok Pundir
 Professor & Dean, NITIE, Pawai.
Mr. Ashok Grover
 Director, STEAM-O-TECH ENGINEERS(I), Pvt. Ltd.
Mr. C. A. Anto
 Director, Terminal Technologies (I), Pvt. Ltd.
Mr. Kishor A Shetty
 M.D., Royal Arc Electrodes Ltd.
Dr. B. E. Narkhede
 Editor-in-chief, IE Journal, Mumbai.


Organizing & Publicity Committee
 Prof. Chitra Takle Prof. Anoj Yadav
 Prof. Pallavi Vartak Prof. Ashish Shetty
 Prof. Manoj Yadav




**National Conference On
Role of Engineers in
Nation Building**

NCRENB-2018

**On
9th & 10th MARCH 2018**



Organized By
Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Shirgaon, Virar(E), District-Palghar, Maharashtra
Contact No: 0250-6990999
Website: www.viva-technology.org







Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

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And Affiliated to University of Mumbai

About the Institution

VIVA Institute of Technology was established in the year 2009 with a definite mission to develop the standard of the institute above benchmark level, providing students with advanced knowledge and latest technology in the chosen disciplines by tapping their hidden and obvious potential, moulding them into good and responsible citizens by playing a meaningful role in industry and society. The institute is approved by AICTE, Maharashtra & DTE, Maharashtra State and is affiliated to Mumbai University. The main objective of the institute has always been providing education at all levels. The institute offers the following courses:

Electronics and Telecommunication Engineering
Electrical Engineering
Mechanical Engineering
Computer Engineering
Civil Engineering

VIVA Institute is well equipped with workshops, laboratories, computer centre with latest machines, tools, instruments, software etc.

Conference Theme

The main objective of the National Conference is to advance knowledge in building sciences in general, and in aspects of building and construction in particular. In order to bridge the gap between the building sector through methodological research and development, to provide support in solving short-term needs in areas where its expertise is critical, and to disseminate knowledge and transfer technology.

VIVA Institute of Technology, Mumbai is organizing the national conference on the "Role of Engineers in Smart Building" on 2nd and 3rd March 2018. The role of an engineer is far reaching and beyond the limits of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CTV players and fax machines are being joined by digital cameras, radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (SAT) is the main agent of industrial revolution and social development. Therefore, Public and research institutions, industry and government have to become more closely associated and aware of the significance of co-operation with SAT in promoting sustainable economic, social and industrial development.

Topics of Interest

The Technical sessions of conference will focus the original contribution papers reporting developments, design, testing and measurement aspects. The topics of interest are wide and not limited to the following:

Electronics and Telecommunication Engineering

Communication systems
Computer and microprocessor based control
Microprocessors and Assembly
Image and multimediasignal signal processing
Micro electronics and VLSI Design

Electrical Engineering

HVDC and FACTS applications of Power Electronics in Power System
Energy Conversion and Audit
Control and Instrumentation Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI Embedded based Embedded Design for Power Conversion
Recent Trends in Power Electronics & Drives
Energy Storage and Engineering

Computer Engineering

Cloud computing
Smart Theory Intelligent Systems Algorithm
Robotics and Automation Systems
Distributed computing
Bio-inspired methods
Database Management Systems

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology
Construction and Management

Mechanical Engineering

Design of Equipment
Vibration Engineering
Development in alternative fuels
Energy Conversion and Management
CFD, FEM & FEA Analysis
Manufacturing Technology

Humanities and Applied Science

Emerging Trends in Material Science
Education Technology
Cryptography and Mathematical Physics
Finance, Management & Marketing
Health & Nutrition
Applied AI, Architecture and Allied subject

Call for Papers

Papers related to the above themes are invited from students, industry, professional bodies, research scholars & students. Abstract should be online within 100 words (maximum). Abstract must be sent in softcopy at <http://www.viva.org.in/conference/viva-conf-2018> by 3rd December, 2017. Acceptance of the abstract will be communicated by 22nd December, 2017. Paper should be of maximum page count of 06 (06). A sample paper with required formatting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted in soft copy (in pdf format) by 29th January, 2018. Review report will be sent to the author(s) as and when that becomes available. Last date of sending review report from organizing committee is 29th January, 2018. Camera ready paper with further modifications (if required) must be sent by 15th February, 2018. Registration process must be completed before 15th February, 2018. At least one author per paper must register himself/herself. Indexing fee, the paper will not be accepted.

*Camera ready paper in doc format, Expenditure form along with DO should be mailed to following email ID: conf@vivaonline.org. Indexing fee, the expenditure will not be accepted.

*MICROED 2018 is jointly sponsored by IEEE and CIT. All accepted and registered papers will be published in the conference proceedings with ISBN: 978-81-9384-008-7.

Best papers will be published as journals as follows:

* International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT) ISSN: 2694-1633.

* International Journal of Computer Applications (IJCA), New York, USA.

Registration Fees and Others Fees

Student or Research Scholar	Rs. 1500/-
Academicians/Faculty	Rs. 1000/-
Industry Delegates	Rs. 2000/-

Payment has to be made through Demand Draft in favor of "VIVA Institute of Technology" payable at Mumbai.

Important Dates

Date of Conference
Last date of Abstract Submission
Last date of acceptance of abstract
Last date of full paper submission
Last date of getting review report
Last date of sending review report
Last date of registration

Contact Person

Registration & Program Coordinator: Prof. Jyoti Chavhan (9822000000)
Prof. Anura Dandekar (9808556793)





Conference Report

NCRENB-2018

Conference & Project Presentation 2018

Conference Dates: 9th & 10th March 2018

Conference Venue: VIVA Institute of Technology, Shirgaon, Virar(E), Mumbai- 401305, Maharashtra.

The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic and social development. Universities, Public and research institutes, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2018(NCRENB 2018)

The main objective of the National Conference is to advance knowledge in building sciences in general and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology.

Topic of Interest in NCRENB 2018 are as follows:

1. Electronics and Telecommunication Engineering
2. Electrical Engineering
3. Computer Engineering
4. Mechanical Engineering
5. Civil Engineering
6. Humanities & Applied Science

5. Project Presentation (2018)

University curriculum and the practices in industry find a wide gap today. To bridge this gap, the project presentation practices can be made an integral part of engineering curriculum. To achieve this initiative through NCRENB 2018 was taken by VIVA-TECH. The current initiative will provide a platform for the students, researchers and faculty acquainted with the current trends and practices in presenting 'Project Presentation' is proposed in NCRENB 2018. The project covered wide variety of topics from various domains like Information Technology, Communication Engineering, Mechanical Engineering domains etc.





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NCRENB 2018 was organized in co-operation with following International & National Bodies:

1. International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT)
2. International Journal of Computer Application (IJCA), New York, USA

Conference Statistics:

Track Name	TRACK	Papers	CRC
Electronics & Telecommunication Engineering	EXTC	29	29
Electrical Engineering	ELECT	22	22
Computer Engineering	COMP	33	33
Civil Engineering	CIVIL	28	28
Mechanical Engineering	MECH	50	50
Humanities & Applied Science	HUMA	--	--
Total		162	162

Total 240 Papers were received out of which 162 Papers were accepted. The paper submission system was online managed by www.easychair.org. The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. All papers were finally approved by program convener Dr. Arun Kumar for uploading on IIIE and IJCA Digital Library.

Key arrangements :

1. Venue arrangement :

- a) Paper presentation – 4th Floor A wing
- b) Project Presentation – 4th Floor B wing
- c) Inaugural /Valedictory function – Seminar Hall
- d) Food arrangement – 4th Floor A wing

2. Registration kit/proceeding distribution – Office counter
Proceeding CD Distributed

As per record: 162





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

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Feedback

Rated very high with the following notes from the delegates:

- a) Good technical contents and research oriented.
- b) Though creativity was there, need to be enhanced.
- c) Hospitality was excellent.
- d) Cooperative staff members.

Prepared By:

Prof. Archana Ingle
(NCRENB 2018 – Co-Convener)

Prof. Meena Perla
(NCRENB 2018 – Organizing Committee)

Approved By:

Dr. Arun Kumar
(NCRENB 2018 -Convener)
(Principal – VIVA Institute of Technology, Mumbai, Maharashtra)
Date: 14/03/2018
Place: VIVA-TECH, Mumbai, Maharashtra.





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

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National Conference on

"Role of Engineers in Nation Building"

NCRENB-2019

1st & 2nd March, 2019

Organized By-
VIVA Institute of Technology
Shirgaon, Virar (East), District-Palghar, Maharashtra
Contact No.-7770002544 Website: www.viva-technology.org

In Association with

NCRENB-2019 1st and 2nd March 2019 REGISTRATION FORM		 National Conference On Role of Engineers in Nation Building NCRENB-2019 On 1st & 2nd MARCH 2019													
<p>Name: _____</p> <p>Designation: _____</p> <p>Organization: _____</p> <p>Address of Organization: _____</p> <p>Address for correspondence: _____</p> <p>Contact No(s) (CO) _____ (MO) _____</p> <p>Email(s): _____</p> <p>Demat Draft No. _____</p> <p>Dated: _____</p> <p>Bank & Branch: _____</p> <p>Rs. _____</p> <p>Date: _____ Signature: _____</p> <p>Demat Draft should be drawn in favor of "VIVA Institute of Technology" payable at Mumbai.</p> <p>*Registration form along with DD should be mailed to ncrenb.vit@vivacollege.org.</p>	<p><u>Patrons</u></p> <p>Hon. Shri. Bhindra Thakur President, VIVA Trust</p> <p>Hon. Shri. P. B. Kaddikar Chairman, Managing Committee, VIVA Trust</p> <p><u>Convener</u></p> <p>Dr. Arun Kumar, Principal</p> <p><u>Co-Convener</u></p> <p>Prof. Archana Ingole, H.O.D. (EXTC)</p> <p><u>Coordinator</u></p> <table style="width: 100%;"> <tr> <td>Prof. Karishma Raut</td> <td>Prof. Bhaskar Sawe</td> </tr> <tr> <td>Prof. Niyati Rani</td> <td>Prof. Liny Jose</td> </tr> <tr> <td>Prof. Ashwini Sane</td> <td>Dr. Ajazul Haque</td> </tr> </table> <p><u>Advisory Committee</u></p> <p>Dr. (Prof.) Subhankar Karmakar IIT Bombay</p> <p>Mr. Nayan Mishra Deputy Technical, NDM Technocrats</p> <p>Mr. Anil Dipankar Chief manager & Local Key Expert Principal, B. & D Systems</p> <p>Dr. Ashok Pandit Professor & Dean, NITIE, Powai</p> <p>Mr. Ashok Grewar Director, STEAMGO-TECH ENGINEERING, PVT. LTD.</p> <p>Mr. C. A. Anis Director, Terminal Technologies (P. Pvt. Ltd.</p> <p>Mr. Kishor A. Shetty M.D., Royal Art Electronics Ltd.</p> <p>Ms. Vidhi Saugavi Project Manager, E. & T Infotech</p> <p><u>Organizing & Publicity Committee</u></p> <table style="width: 100%;"> <tr> <td>Prof. Meena Parda</td> <td>Prof. Anuj Yadav</td> </tr> <tr> <td>Prof. Pallavi Vatake</td> <td>Prof. Ashish Shetty</td> </tr> <tr> <td>Prof. Manoj Yadav</td> <td>Prof. Deepak Dubey</td> </tr> </table>	Prof. Karishma Raut	Prof. Bhaskar Sawe	Prof. Niyati Rani	Prof. Liny Jose	Prof. Ashwini Sane	Dr. Ajazul Haque	Prof. Meena Parda	Prof. Anuj Yadav	Prof. Pallavi Vatake	Prof. Ashish Shetty	Prof. Manoj Yadav	Prof. Deepak Dubey	<div style="text-align: center;"> VIVA Institute of Technology At: Shirgaon Post: Virar, Tal.: Vasai, Dist: Palghar Contact No. 7770002544 Website: www.viva-technology.org </div>	
Prof. Karishma Raut	Prof. Bhaskar Sawe														
Prof. Niyati Rani	Prof. Liny Jose														
Prof. Ashwini Sane	Dr. Ajazul Haque														
Prof. Meena Parda	Prof. Anuj Yadav														
Prof. Pallavi Vatake	Prof. Ashish Shetty														
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About the Institution

VIVA Institute of Technology was established in the year 2008 with a definite mission to develop the mindset of the students above benchmark level, providing students with advanced knowledge and latest technology in the chosen discipline by tapping their talent and creative potential, molding them into good and responsible citizens by playing a meaningful role in industry and society. The institute is approved by AICTE, New Delhi & DTE, Government of Maharashtra State and affiliated to University of Mumbai. The main objective of the institute has always been providing education at all levels. The institute offers the following courses:

UG Level:

Electronics and Telecommunication Engineering
Electrical Engineering
Mechanical Engineering
Computer Engineering
Civil Engineering

PG Level:

M.Tech in Mechanical Manufacturing Systems Engineering

Institute is well equipped with workshop, laboratories, computer center with latest machines, tools, instruments, software's etc.

Conference Theme

The main objective of the National Conference is to advance knowledge in Science & Technology for solving short term and long term problems through innovative ideas, concepts and methods in different fields.

VIVA Institute of Technology, Vinit, Mumbai is organizing the national conference on the "Role of Engineers in Vision Building" on 1st and 2nd March 2018. The role of an engineer is far reaching and beyond the realm of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being replaced by digital cameras, video and televisions which offer more choices and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial, economic and social development. Universities, public and research institutions, industry and government have to become more closely involved and aware of the importance of cooperation with S&T to promote sustainable economic, social and industrial development.

Topics of Interest

The Technical sessions of conference will focus the regional interdisciplinary papers reporting developments, design, testing and measurement aspects. The topics of interest are wide and not limited to the following:

Electronics and Telecommunication Engineering

Communication systems & Networking
Computer Vision and Image Processing
Microprocessors and Assembly
Control Systems and Robotics
Micro-electronics and VLSI Design

Electrical Engineering

HVDC and FACTS Application of Power Electronics in Power Systems
Energy Conversion and Audit
Control and Instrumentation Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI Embedded based Control Design for Power Converter
Recent Trends in Power Electronics & Drive
Energy Storage and Engineering

Computer Engineering

Cloud computing
Tensor Flow, Deep neural Network Algorithms
Robotics and Automation Systems
Distributed computing
Bio-inspired methods
Database Management Systems

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology
Construction and Management

Mechanical Engineering

Design of Experiments
Industrial Engineering
Developments in alternative fuels
Energy Conversion and Management
CFD, FEM & FEA Analysis
Manufacturing Technology
Quality Management

Humanities and Applied Sciences

Emerging Trends in Material Science
Education Technology
Cryptography and Information Privacy
Business, Management & Marketing
Health & Nutrition, Applied Arts, Architecture & Allied Subjects

Call for Papers

Papers related to the above themes are invited from academics, industry, professional bodies, research scholars & students. Abstract should be sent on or before 20th March 2018 (maximum). Abstract must be sent in softcopy at <http://www.viva-conferences.com/abstracts/submit.htm> by 18th December, 2017. Acceptance of the abstract will be communicated by 24th December, 2017. Paper should be of maximum page count of 16 (16). A sample paper with required formatting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted on soft copy (in doc format) by 11th January 2018. Review report will be sent to the author(s) in soft copy when that becomes available. Last date of sending review report from organizing committee is 11th January, 2018. Authors ready paper with further modifications (if required) must be sent by 18th February, 2018. Registration process must be completed before 18th February, 2018. All hard copy authors paper must register themselves before 18th February, 2018. Failing this, the paper will not be accepted.

*Authors ready paper (in doc format), Registration form along with ID should be mailed to following email: accounts@vivaconferences.org. Failing this, the registration will not be accepted.

*All accepted and registered papers will be published in the conference proceedings with ISBN: 978-81-9211421-1

Two papers will be published in journals as follows:-

* International Journal of Engineering Research and Science (IJERS)

ISSN: 2278-0181

* VIVA-TECH International Journal for Research and Innovation

ISSN (Online) 2281-7290

Registration Fees and Others Fees

Student or Research Scholar	Rs. 750/-
Academicians (Faculty)	Rs. 1000/-
Industry Delegates	Rs. 1200/-

Payment has to be made through Demand Draft in favor of VIVA Institute of Technology* payable at Vinit, Mumbai.

Important Dates

Date of Conference	1 st and 2 nd March, 2018
Last date of Abstract submission	18 th December, 2017
Last date of acceptance of abstract	24 th December, 2017
Last date of full paper submission	11 th January, 2018
Last date of getting review report	11 th January, 2018
Last date of sending CPD	18 th February, 2018
Last date of registration	18 th February, 2018

Contact Person

Registration & Program Committee: Prof. Chitra Talsi 9147781127
Prof. Anura Padmanab 966890755





Conference Report NCRENB-2019

Conference Dates: 1st & 2nd March 2019

Conference Venue: VIVA Institute of Technology, Shirgaon, Virar (E), Mumbai- 401303, Maharashtra.

The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic and social development. Universities, Public and research institutes, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2019(NCRENB 2019)

The main objective of the National Conference is to advance knowledge in building sciences in general, and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology.

Topic of Interest in NCRENB 2019 are as follows:

- 1 Electronics and Telecommunication Engineering
- 2 Electrical Engineering
- 3 Computer Engineering
- 4 Mechanical Engineering
- 5 Civil Engineering
- 6 Humanities & Applied Science

NCRENB 2019 was organized in co-operation with following International & National Bodies:

1. International Journal of Engineering Research and Science, (IJOER) ISSN: 2395-6992
2. VIVA-Tech International Journal for Research and Innovation ISSN (Online): 2581-7280

Conference Statistics:

Track wise Paper Statistics: Selection





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Track Name	TRACK	Papers	Internal Review	CRC
Electronics & Telecommunication Engineering	EXTC	26	26	26
Electrical Engineering	ELECT	33	33	32
Computer Engineering	COMP	53	53	52
Civil Engineering	CIVIL	50	50	49
Mechanical Engineering	MECH	70	70	67
Humanities & Applied Science	HUMA	10	10	10
Total		242	242	236

Conference Registration Statistics: Track	Total	CRC	Registered /Recovery	Non Registered
EXTC	26	26	26	-
ELECT	33	33	32	1
COMP	53	53	52	1
CIVIL	50	50	49	1
MECH	70	70	67	3
HUMA	10	10	10	-
Total	242	242	236	6

Total Paper Submissions	242
Accepted Full Papers for IJOER/ VIVA-TECH IJRI	232
Total Accepted Papers	236
Acceptance Rate	97.52

Total 242 Papers were received out of which 236 Papers were accepted. The paper submission system was online managed by www.easychair.org. The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed.

Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. All papers were finally approved by program convener Dr. Arun Kumar for uploading on IJOER and VIVA-TECH IJRI Digital Library.





Vishnu Waman Thakur Charitable Trust's
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Overall Response:

Expected delegates: 200 (Registered)

Total delegates: 191 (Attended)

Percentage turn out: 89%

Total Resource persons: 07

Events organized

Paper presentation - 89 papers Project

Presentation – 22 groups

Events Attendance Participation

Participants / Delegates Resource Persons

Sr.	Event	Day 1	Day 2	Day 1 + Day 2		
1	Conference		108	121	03	04
	Presentation					
2	Project		80	80	01	--
	Presentation					
3	Inaugural &		-	70	--	--
	Valedictory					
	Function					
Total			188	271	04	04

Key arrangements:

1. Venue arrangement:

- Paper presentation – 4th Floor A wing
 - Project Presentation – 4th Floor B wing
 - Inaugural /Valedictory function – Seminar Hall
 - Food arrangement – Ground Floor A-008
2. Registration kit/proceeding distribution – Office counter

Proceeding CD Distributed

As per record: 121

Feedback

Rated very high with the following notes from the delegates:

- Good technical contents and research oriented.
 - Though creativity was there, need to be enhanced.
 - Hospitality was excellent.
 - Cooperative staff members.

Prepared By:

Prof. Archana Ingle

(NCRENB 2019 – Co-Convener)

Prof.Chitra Takle and Prof.Ameya Purandare

(NCRENB 2019 – Program and Registration committee)





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VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

Approved By:

Dr. Arun Kumar

(NCRENB 2019 -Convener)

(Principal – VIVA Institute of Technology, Mumbai, Maharashtra)

Date: 11/03/2019

Place: VIVA-TECH, Mumbai, Maharashtra.

National Conference
on
“Role of Engineers in Nation Building”
NCRENB-2020
6th & 7th March, 2020

Organized By-
Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Shirgaon, Virar (East), District-Palghar, Maharashtra
Contact No.-7770002544 Website: www.viva-technology.org

In Association with

IJOER
Research Journal

VIVA-TECH IJRI
Research Journal

VIVA INSTITUTE OF TECHNOLOGY
At: Shirgaon
Post: Virar,
Tal.: Vasai,
Dist: Palghar
VIRAR (EAST)





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

NCRENB-2020 6th and 7th March 2020 REGISTRATION FORM

Name: _____
Designation: _____
Organization: _____
Address of Organization: _____
Address for correspondence: _____
Contact No. (CO) _____ (MO) _____
Email ID: _____
Demand Draft No. _____
Date: _____
Bank & Branch: _____
Rs. _____
Date: _____ Signature: _____

Demand Draft should be drawn in favor of
"VIVA Institute of Technology" payable at Mumbai.

*Registration form along with DD should be mailed to
ncrenb.viva@vivacollege.org.



Patrons

Hon. Shri. Bhimendra Thakur
President
Hon. Shri. P. B. Kaddolkar
Chairman, Managing Committee
Ms. Aparna P. Thakur
Secretary

Convener

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Co-Convener

Prof. Archana Ingole, HOD (EXTC)

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Prof. Niyati Raut Prof. Lata Jase
Prof. Ashwini Sane Dr. Ajanta Haque

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IT Bombay
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Director Technical, NM Technocrafts

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Mr. C. A. Aune
Director, Tensat Technologies (P) Ltd.
Mr. Kishor A. Shetty
MD., Rayal Air Electronics Ltd.

Organizing & Publicity Committee

Prof. Meenu Parla Prof. Anoj Yadav
Prof. Pallavi Vartak Prof. Ashish Shetty
Prof. Manoj Yadav Prof. Deepak Dubey



National Conference On Role of Engineers in Nation Building

NCRENB-2020

On

6th & 7th MARCH 2020



Organized By

At: Shrigaon
Post: Virar,
Tal: Vasai,
Dist: Palghar
VIVA Institute of Technology
Shrigaon, Virar (E), Dist: Palghar, Tal: Vasai
Contact No. 022-25440000
Website: www.viva-technology.org

About the Institution

VIVA Institute of Technology was established in the year 2009 with a definite mission to develop the student of the institute above benchmark level, providing students with advanced knowledge and latest technology in the chosen discipline by tapping their talent and diverse potential, molding them into good and responsible citizens by playing a meaningful role in industry and society. The institute is approved by AICTE, New Delhi & DTE, Government of Maharashtra and affiliated to University of Mumbai. The main objective of the institute is to promote education at all levels. The institute offers the following courses:

UG Level:

Electronics and Telecommunication Engineering
Electrical Engineering
Mechanical Engineering
Computer Engineering
Civil Engineering

PG Level:

M.E. in Mechanical Manufacturing Systems Engg./Engineering

Institute is well equipped with workshop, laboratories, computer center with latest machines, tools, instruments, software, etc.

Conference Theme

The main objective of the National Conference is to advance knowledge in Science & Technology for solving short-term and long-term problems through innovative ideas, concepts and methods in different fields.

VIVA Institute of Technology, Virar, Mumbai is organizing a national conference on the "Role of Engineers in Nation Building" on 6th and 7th March 2020. The role of an engineer is far reaching and beyond the limits of human thinking and imagination. The emerging technologies of communication and computing have brought about a revolution in everyday life during the 21st century. The application of Science and Technology (S&T) is the main agent of industrial revolution and social development. Universities, public and research institutions, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

Scope of Interest

The Technical sessions of conference will focus the original contributory papers reporting developments, design, testing and instrumentation aspects. The topics of interest are wide and not limited to the following:

Electronic and Telecommunication Engineering

Communication systems & Networking
Computer Vision and Image Processing
Microprocessors and Assembly
Control Systems and Robotics
Micro-electronics and VLSI Design

Electrical Engineering

IEEDC and FACTS Application of Power Electronics in Power System
Energy Conversion and Audit
Control and Instrumentation Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI Based Embedded based Control Design for Power Conversion
Recent Trends in Power Electronics & Drive
Energy Storage and Engineering

Computer Engineering

Cloud computing
Neuro Fuzzy Intelligent Systems Algorithms
Robotics and Automation Systems
Distributed computing
Bio-inspired methods
Database Management Systems

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology
Construction Management

Mechanical Engineering

Design of Experiments
Innovations in alternative fuels
Energy Conversion and Management
CFD, FEA & FEA Analysis
Manufacturing Technology
Quality Management

Mathematics and Applied Sciences

Emerging Trends in Models of Science
Education Technology
Copyright and Information Physics
Statistics, Management & Marketing
Health & Nutrition, Applied Arts, Architecture & Allied Subjects

Call for Papers

Papers related to the above themes are invited from academia, industry, professional bodies, research scholars & students. Abstract should be written within 200 words (maximum). Abstract must be sent as softcopy to ncrenb.viva@vivacollege.org by 5th November, 2019. Acceptance of the abstract will be communicated by 14th November, 2019. Paper should be of maximum page count of 30 (ten). A sample paper with required formatting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted as soft copy (in doc format) by 18th January 2020. Review report will be sent to the author(s) as and when the same become available. Last date of sending review report from organizing committee is 11th January, 2020. Camera ready paper with final modifications (if required) must be sent by 19th February, 2020. Registration process must be completed before 17th February, 2020. At least one author per paper must register himself/herself. Failing this, the paper will not be accepted.

*Camera ready paper (in doc format), Registration form along with DE should be mailed to following email: ncrenb.viva@vivacollege.org. Failing this, the registration will not be accepted.

- All accepted and registered papers will be published in the conference proceedings with ISBN: 978-81-5180-293-1
- Quality papers will be published in journals of high repute
- Selected papers will be published in VIVA-Tech International Journal for Research and Innovation with ISSN (Online) 2382-7288

Registration Fees and Others Fees

Student or Research Scholar Rs. 750/-
Academics/Professors Rs. 1000/-
Industry Delegates Rs. 1500/-

Payment has to be made through Demand Draft in favor of "VIVA Institute of Technology" payable at Mumbai.

Important Dates

Date of Conference
Last date of Abstract 5th Nov
Last date of acceptance 14th Nov
Last date of full paper 18th Jan
Last date of printing 19th Feb
Last date of sending C.R. 19th Feb
Last date of registration 17th Feb

Contact Person

Registration & Program Committee: Prof. Chitra Talwar 9147792417
Prof. Anoop Parashar 9948911710





Conference Report
NCRENB-2020
Conference 2020

Conference Dates: 6th & 7th March 2020

Conference Venue: VIVA Institute of Technology, Shirgaon, Virar (E), Mumbai- 401305, Maharashtra.

The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic and social development. Universities, Public and research institutes, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2020 (NCRENB 2020)

The main objective of the National Conference is to advance knowledge in building sciences in general and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology. Topic of Interest in NCRENB 2020 are as follows:

1. Electronics and Telecommunication Engineering
2. Electrical Engineering
3. Computer Engineering
4. Mechanical Engineering
5. Civil Engineering
6. Humanities & Applied Science

NCRENB 2020 was organized in co-operation with following International & National Bodies:

1. VIVA-Tech International Journal for Research and Innovation

Conference Statistics:

Track wise Paper Statistics: Selection

Track Name	TRACK	Papers	Internal Review	CRC
Electronics & Telecommunication Engineering	EXTC	36	36	32
Electrical Engineering	ELECT	34	34	32





Computer Engineering	COMP	42	42	41
Civil Engineering	CIVIL	52	52	46
Mechanical Engineering	MECH	58	58	55
Humanities & Applied Science	HUMA	10	10	8
Total		232	232	214

Total Paper Submissions	232
Accepted Full Papers for IJCA/IIIE Digital Library	214
Total Accepted Papers	214
Acceptance Rate	92.24

Total 232 Papers were received out of which 214 Papers were accepted. The paper submission system was online managed by www.easychair.org. The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. All papers were finally approved by program convener Dr. Arun Kumar for uploading on VIVA-TECH IJRI

Key arrangements:

1. Venue arrangement:

- Paper presentation – 4th Floor A wing
- Project Presentation – 4th Floor B wing
- Inaugural /Valedictory function – Seminar Hall
- Food arrangement – 4th Floor A wing

Feedback

Rated very high with the following notes from the delegates:

- Good technical contents and research oriented.
- Though creativity was there, need to be enhanced.
- Hospitality was excellent.
- Cooperative staff members.

Prepared By:

Prof. Archana Ingle

(NCRENB 2020 – Co-Convener) Prof. Ameya Purandare (NCRENB-2020)

Approved By:

Dr. Arun Kumar

(NCRENB 2020 -Convener)

(Principal – VIVA Institute of Technology, Mumbai, Maharashtra) Date: 14/03/2020

Place: VIVA-TECH, Mumbai, Maharashtra.





Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

National Conference on “Role of Engineers in Nation Building”

NCRENB-2021

5th & 6th March, 2021

Organized By-
Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Shirgaon, Virar (East), District-Palghar, Maharashtra
Contact No.-7770002544 Website: www.viva-technology.org

In Association with

<p style="text-align: center;">NCRENB-2021 5th and 6th March 2021 REGISTRATION FORM</p> <p>Name: _____</p> <p>Designation: _____</p> <p>Organization: _____</p> <p>Address of Organization: _____</p> <p>Address for correspondence: _____</p> <p>Contact No(s) (OO) _____ (MI) _____</p> <p>Email(s): _____</p> <p>Demand Draft No. _____</p> <p>Dated: _____</p> <p>Bank & Branch: _____</p> <p>Rt: _____</p> <p>Date: _____ Signature: _____</p> <p><small>Demand Draft should be drawn in favor of “VIVA Institute of Technology” payable at Mumbai.</small></p> <p><small>*Registration form along with DD should be mailed to ncrenb.vit@vivacollege.org.</small></p>	<p><u>Patron</u></p> <p>Shri. Shri. Himendra Thakur President</p> <p>Shri. Shri. P. D. Kalodhar Chairman, Managing Committee</p> <p>Mr. Agnave P. Thakur Secretary</p> <p><u>Convener</u></p> <p>Dr. Arun Kumar, Principal</p> <p><u>Co-Convener</u></p> <p>Prof. Archana Ingle, H.O.D. (EXTC)</p> <p><u>Coordinator</u></p> <p>Prof. Kishore Ravi Prof. Himansu Sore</p> <p>Prof. Nipat Raut Prof. Laxay Joshi</p> <p>Prof. Ashmita Sore Dr. Ajayd Hagar</p> <p>Prof. Chaitali Patel</p> <p><u>Advisory Committee</u></p> <p>Mr. Anil Shirsalkar Vice President (R & D), Harman Electric Motors, Mumbai</p> <p>Mr. Pradeep G. Kulkarni General Manager, Sincere Ltd</p> <p>Mr. Nayan Mishra Director Technical, SIM Technologies</p> <p>Dr. Ashish Poudyal Professor & Dean, NITTE, Pune.</p> <p>Mr. Ashish Gaware Director, STEAM-2-TECH INNOVATION, PUNE, INDIA</p> <p>Mr. C. A. Anis Director, Terminal Technologies (P) Pvt. Ltd.</p> <p>Mr. Khilash A. Shetty M.D., Royal Arc Electrodes Ltd.</p> <p><u>Organizing & Publicity Committee</u></p> <p>Prof. Meera Patil Prof. Anil Yadav</p> <p>Prof. Ashish Shetty Prof. Pankaj Yarkat</p> <p>Prof. Dnyanesh Debey Prof. Manoj Yadav</p>	<div style="text-align: center;"> <p>(Online Mode) National Conference On Role of Engineers in Nation Building</p> <p>NCRENB-2021</p> <p>On 5th & 6th MARCH 2021</p> <p>At: Shirgaon Post: Virar, Dist: Palghar</p> <p>Late Shri. Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology Shirgaon, Virar (E), District-Palghar, Maharashtra Contact No. 777 000 2544 Website: www.viva-technology.org</p> </div>
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Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

About Our Institution

VIVA Institute of Technology was established in the year 2009 with a definite mission to develop the student of the institute above benchmark level, providing students with of latest knowledge and latest technology in the chosen discipline by tapping their hidden and dormant potential, molding them into good and responsible citizens by playing a meaningful role in industry and society. The institute is approved by AICTE, New Delhi & DTE, Government of Maharashtra State and affiliated to University of Mumbai. The main objective of the institute is to promote education at all levels. The institute offers the following courses:

UG Level:
Electronics and Telecommunication Engineering
Mechanical Engineering
Computer Engineering
Civil Engineering

PG Level:
M.E. in Mechanical/Manufacturing Systems Design Engineering
Institute is well equipped with workshop, laboratories, computer center with latest machines, tools, instruments, software's etc.

Conference Theme

The main objective of the National Conference is to advance knowledge in Science & Technology for solving short term and long term problems through innovative ideas, concepts and methods in different fields.

VIVA Institute of Technology, Virar, Mumbai is organizing a national conference on the "Role of Engineer in Nation Building" on 17th and 18th March 2021. The role of an engineer is far reaching and beyond the realm of Science, Banking and imagination. The emerging technologies, of communication and computing have brought about a revolution in everyday life during the 21st century. The application of Science and Technology (S&T) is the main agent of industrial revolution and social development. Universities, public and research institutions, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

Topics of Interest

The Technical sessions of conference will focus the original contributions papers reporting developments, design, testing and measurement aspects. The topics of interest are wide and not limited to the following:

Master of Computer Application
Data Science, Machine Learning & Business Analytics
Internet of Things, Artificial Intelligence
Security, Privacy & Ethics in Digital Era
Mobile & Soft Computing

Electronics and Telecommunication Engineering

Communication systems & Networking
Computer Vision and Image Processing
Microprocessors and ARM
Control Systems and Robotics
Micro-electronics and VLSI Design

Electrical Engineering

HVDC and FACTS Application of Power Electronics in Power Systems
Energy Conversion and Audit
Control and Instrumentation, Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI Embedded based Control Design for Power Converter
Recent Trends in Power Electronics & Drive
Energy Storage and Engineering

Computer Engineering

Distributed & Cloud computing
Smart fuzzy intelligent Systems Algorithm
Robotics and Automation Systems
Bio-inspired methods
Database Management Systems

Humanities and Applied Sciences

Emerging Trends in Material Science
Education Technology
Cryptography and Mathematical Physics
Business, Management & Marketing
Health & Fitness, Applied Arts, Architecture & Allied Subjects

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology

Mechanical Engineering

Design of Experiment
Industrial Engineering
Developments in alternate fuels
Energy Conversion and Management
CFD, FEA & FEA Analysis
Manufacturing Technology
Quality Management

Call for Papers

Papers related to the above themes are invited from academia, industry, professional bodies, research scholars & students. Abstracts should be received within 200 words (maximum). Abstract must be sent in softcopy to https://viva-iit.org/conferences/2021/abstracts/2021 by 17th January, 2021, acceptance of the abstract will be communicated by 17th January, 2021. Paper should be of maximum page count of 10 (ten). A sample paper with required formatting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted in soft copy (in doc format) by 08th January 2021. Review report will be sent to the author(s) as and when due becomes available. Last date of sending review report from organizing committee is 15th January, 2021. Camera ready paper with further modifications (if required) must be sent by 15th February, 2021. Registration process must be completed before 17th February, 2021. At least one author per paper must register himself/herself. Failing this, the paper will not be accepted.

*Camera ready papers (in doc format), Registration form along with ID should be mailed to following email ID: secret@viva-iit.org. Failing this, the application will not be accepted.

*All accepted and required papers will be published in the conference proceedings with ISBN - 978-81-946468-6-8 and will be published in VIVA, Each International of Journal for Research and Innovation with ISSN (Printed) 2802-7288

Registration Fees and Others Fees

Student or Research Scholar	Rs. 500/-
Academician/Faculty	Rs. 700/-
Industry Delegates	Rs. 150/-

Payment has to be made through Demand Draft in favor of "VIVA Institute of Technology" payable at Mumbai.

Important Dates

Date of Conference	
Last date of Abstract Submission	17 th January 2021
Last date of acceptance of Abstract	17 th January 2021
Last date of full paper	08 th January 2021
Last date of getting accepted	15 th February 2021
Last date of sending CD	15 th February 2021
Last date of registration	17 th February 2021

Camera Ready

Registration & Program Committee:
Prof. Ajaykumar P. 9600041700
Prof. Manoj P. 9824008800





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

Conference Report
NCRENB-2021

Conference Dates: 5th & 6th March 2021

Mode of Conference: Online

The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic and social development. Universities, Public and research institutes, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

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The main objective of the National Conference is to advance knowledge in building sciences in general and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology.

Topics of Interest in NCRENB 2021 are as follows:

- 1 Electronics and Telecommunication Engineering
- 2 Electrical Engineering
- 3 Computer Engineering
- 4 Mechanical Engineering
- 5 Civil Engineering
- 6 Humanities & Applied Science

NCRENB 2021 was organized in co-operation with following International Body:

VIVA-Tech IJRI

Conference Statistics:

Track wise Paper Statistics: Selection

Track Name	TRACK	Papers	Internal Review	CRC
Electronics & Telecommunication Engineering	EXTC	20	20	19
Electrical Engineering	ELECT	35	35	31
Computer Engineering	COMP	24	24	24





Civil Engineering	CIVIL	52	52	40
Mechanical Engineering	MECH	60	60	49
Humanities & Applied Science	HUMA	8	8	7
Master of Computer application	MCA	29	29	29
Total		228	228	199

Conference Registration Statistics: Track	Total	CRC	Registered /Recovery	Non Registered
EXTC	20	19	19	1
ELECT	35	31	31	4
COMP	24	24	24	0
CIVIL	52	40	40	12
MECH	60	49	49	11
HUMA	8	7	7	1
MCA	29	29	29	0
Total	228	199	199	29

Total Paper Submissions	228
Accepted Full Papers for VIVA-TECH IJRI	199
Total Accepted Papers	199
Acceptance Rate	87%

Total 228 Papers were received out of which 199 Papers were accepted. The paper submission system was online managed by www.easychair.org. The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. NCRENB-2021 was held on google meet platform. All papers were finally approved by program convener Dr. Arun Kumar for uploading on VIVA-TECH IJRI

Overall Response:

Expected delegates : 207 (Registered) Total
delegates : 207(Attended) Percentage turn out : 100%
Total Resource persons : 12

Events organized

Paper presentation - 199 papers



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
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Feedback

Rated very high with the following notes from the delegates:

- a) Good technical contents and research oriented.
- b) Though creativity was there, need to be enhanced.
- c) Hospitality was excellent.
- d) Cooperative staff members.

Prepared By:

Prof. Archana Ingle

(NCRENB 2021, Co-Convener)

Prof. Karishma Raut (NCRENB 2021, Coordinator)

Prof. Ameya Purandare

(NCRENB 2021, Organizing Committee)

Prof. Meena Perla

(NCRENB 2021, Organizing Committee)

Approved By:

Dr. Arun Kumar (NCRENB 2021-Convener)

(Principal – VIVA Institute of Technology, Mumbai, Maharashtra) Date: 07/05/2021

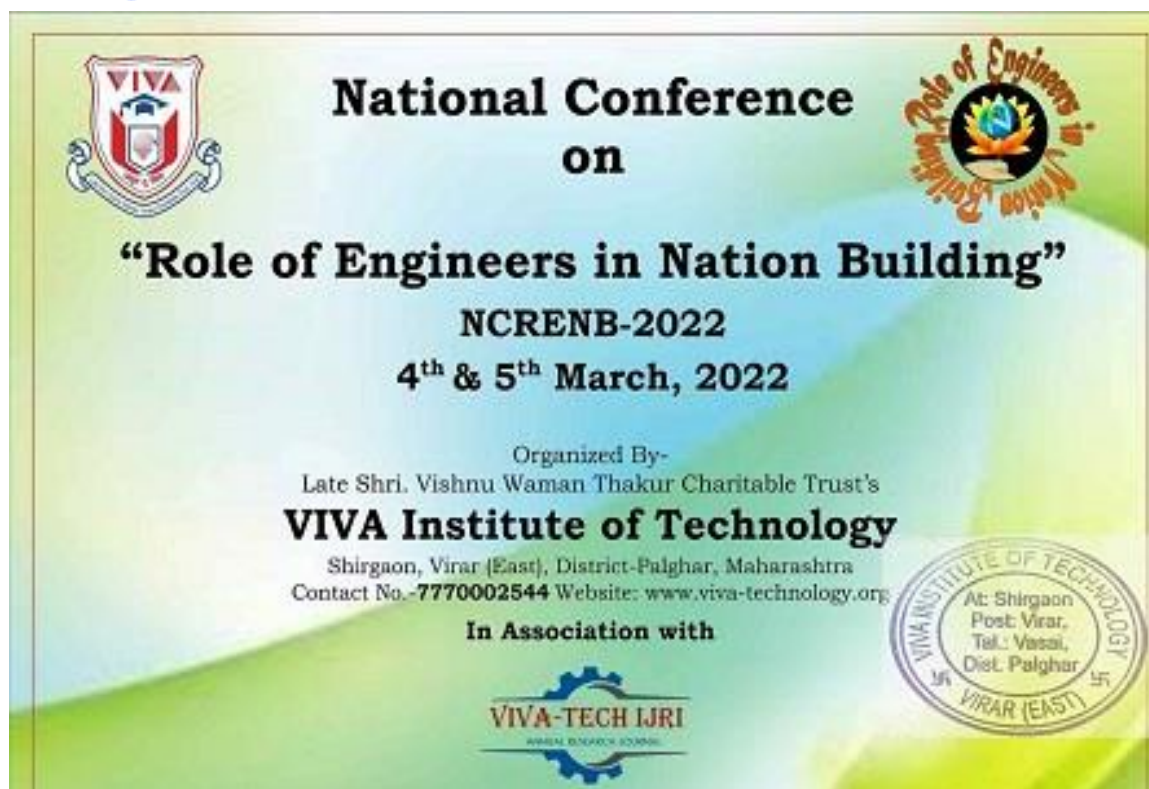
Place: VIVA-TECH, Mumbai, Maharashtra.





Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai



**National Conference
on
“Role of Engineers in Nation Building”
NCRENB-2022
4th & 5th March, 2022**

Organized By-
Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Shirgaon, Virar (East), District-Palghar, Maharashtra
Contact No.-7770002544 Website: www.viva-technology.org

In Association with
VIVA-TECH IJRI
VISHNU WAMAN THAKUR CHARITABLE TRUST

At: Shirgaon
Post: Virar,
Tal.: Vasai,
Dist: Palghar
VIRAR (EAST)

<p>NCRENB-2022 4th and 5th March 2022 REGISTRATION FORM</p> <p>Name: _____ Designation: _____ Organization: _____ Address of Organization: _____ Address for correspondence: _____ Contact No(s) (Cell) _____ (M) _____ Email(s): _____ Demand Draft No. _____ Bank & Branch: _____ Rs.: _____ Date: _____ Signature: _____</p> <p>Demand Draft should be drawn in favor of “VIVA Institute of Technology” payable at Mumbai.</p> <p>*Registration form along with DD should be mailed to ncrenb@viva-technology.org.</p> 	<p>Peterson Shri. Shri. Harendra Thakur President Shri. Shri. P. D. Kulkarni Chairman, Managing Committee Mr. Agave P. Thakur Secretary</p> <p>Convener Dr. Arun Kumar, Principal</p> <p>Co-Convener Prof. Archana Ingole, H.O.D. (EXTC)</p> <p>Coordinator Prof. Kishore Kumar Prof. Nagesh Kumar Prof. Ashwini Sene Prof. Chandan Patel</p> <p>Advisory Committee Mr. Ashish Gaur Vice President (R & D), Hindustan Electric Motors, Mumbai Mr. Pradeep G. Kulkarni General Manager, Gauran Ltd Mr. Nagesh Kulkarni Director Technical, NM Technocrafts Dr. Ashish Kumar Professor at IITM, NITTE, Pune Mr. Ashish Gaur Director, STEAM-O-TECH ENGINEERING, PVT. LTD. Mr. C. A. Apte Director, Technical Technologies (I), Pvt. Ltd. Mr. Kishore A. Shetty M.D., Royal Air Electronics Ltd.</p> <p>Organizing & Publicity Committee Prof. Manish Patel Prof. Ashish Shetty Prof. Bhupak Shetty Prof. Nitesh Lohar Prof. Anuj Yadav Prof. Pulkit Varsh Prof. Manoj Vaidya</p>	 <p>(Online Mode) National Conference On Role of Engineers in Nation Building NCRENB-2022 On 4th & 5th MARCH 2022</p> <p>At: Shirgaon Post: Virar, Tal.: Vasai, Dist: Palghar VIRAR (EAST)</p> <p>VIVA Institute of Technology Shirgaon, Virar (E), District-Palghar, Maharashtra Contact No. 777 000 2544 Website: www.viva-technology.org</p>
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Institute is well equipped with workshop, laboratories, computer center with latest software tools, instruments, software etc.

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The main objective of the National Conference is to advance knowledge in Science & Technology for solving short term and long term problems through innovative ideas, concepts and methods in all broad fields.

VIVA Institute of Technology, Virar, Mumbai is organizing a national conference on the "Role of Engineers in Nation Building" on 2nd and 3rd March 2022. The role of an engineer is far reaching and beyond the realm of Nation building and imagination. The emerging technologies of communication and computing have brought about a revolution in everyday life during the 21st century. The application of Science and Technology (SAT) is the main agent of industrial revolution and social development. Universities, Public and research institutions, industry and government have to become more closely involved and aware of the importance of co-operation with SAT to promote sustainable economic, social and industrial development.

Topics of Interest

The Technical sessions of conference will focus the original contributions papers regarding developments, design, testing and measurement aspects. The topics of interest are wide and not limited to the following:

Master of Computer Application

Data Science, Machine Learning & Business Analytics
Internet of Things, Artificial Intelligence
Security, Privacy & Ethics in Digital Era
Mobile & Soft Computing

Electronics and Telecommunication Engineering

Communication Systems & Networking
Computer Vision and Image Processing
Microprocessors and ARM
Control Systems and Robotics
Micro-electronics and VLSI Design

Electrical Engineering

IPDTC and FACTS Application of Power Electronics in Power System
Energy Conversion and Audit
Control and Instrumentation Industrial Automation
Integrated & Hybrid Renewable Energy Systems
VLSI Embedded based Control Design for Power Converter
Recent Trends in Power Electronics & Drive
Energy Storage and Engineering

Computer Engineering

Distributed & Cloud computing
New Fuzzy Inference System Algorithms
Robotics and Automation Systems
Bio-sensor/robotics
Database Management Systems

Humanities and Applied Sciences

Emerging Trends in Material Science
Education Technology
Cryptography and Mathematical Physics
Business, Management & Marketing
Health & Harmonic, Applied Arts, Architecture & Allied Subjects

Civil Engineering

Structural Engineering
Geotechnical Engineering
Water Resource Engineering
Transportation Engineering
Environmental Engineering
GIS & Remote Sensing
Concrete Technology

Mechanical Engineering

Design of Experiments
Industrial Engineering
Developments in alternate fuels
Energy Conversion and Management
CFD, FEM & FEA Analysis
Manufacturing Technology
Quality Management

Call for Papers

Papers related to the above themes are invited from academia, industry, professional bodies, research institutes & students. Abstracts should be written within 200 words (maximum). Abstract must be sent in softcopy at info@vivaengg.org or vivaengg@vivaengg.org by 31st December, 2021. Acceptance of the abstract will be communicated by 15th January, 2022. Paper should be of maximum page count of 30 (30). A single paper with request for meeting will be sent to the author(s) along with the acceptance of "abstract". Full paper should be submitted in soft copy (in doc format) by 15th January, 2022. Review report will be sent to the author(s) as and when the becomes available. Last date of sending review report from organizing committee is 31st January, 2022. Camera ready paper with better modifications (if required) must be sent by 7th February, 2022. Registration process must be completed before 11th February, 2022. At least one author per paper must register himself/herself. In doing this, the paper will not be accepted.

*Camera ready paper (in doc format, Registration form along with DO should be mailed to following email id: secretary@vivaengg.org. Delay fee: the registration will not be accepted.

*All accepted and registered papers will be published in the conference proceedings with ISBN : 978-81-950666-5-4 and will be published in VIVA Tech International Journal for Research and Innovation with ISSN (Online): 2581-7248

Registration Fees and Others Fees

Student or Research Scholar	Rs. 500/-
Academicians (Faculty)	Rs. 1000/-
Industry Delegates	Rs. 1500/-

Payment has to be made through Demand Draft in favor of "VIVA Institute of Technology" payable at Virar.

Important Dates

Date of Conference	2 nd & 3 rd March 2022
Last date of Abstract	31 st Dec 2021
Last date of acceptance of Abstract	15 th Jan 2022
Last date of full paper	15 th Jan 2022
Last date of getting review report	31 st Jan 2022
Last date of sending CD	11 th Feb 2022
Last date of registration	11 th Feb 2022

Contact Person

Registration & Program Committee:

Prof. Anirudh Poudyal 9988111781
Prof. Manoj Datta 9821049889





Conference Report NCRENB-2022

Conference Dates: 4th & 5th March 2022

Mode of Conference: Online

The role of an engineer is far reaching and beyond the vistas of human thinking and imagination. The emerging technologies of communications and computing have brought about a revolution in everyday life during the 21st century. The familiar mobile phones, CD players and fax machines are being joined by digital broadcast radio and televisions which offer more channels and much clearer sound and pictures. The application of Science and Technology (S&T) is the main agent of industrial economic and social development. Universities, Public and research institutes, industry and government have to become more closely involved and aware of the importance of co-operation with S&T to promote sustainable economic, social and industrial development.

NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2022(NCRENB- 2022)

The main objective of the National Conference is to advance knowledge in building sciences in general and in aspects of building and construction in particular; to solve long-range problems of the building sector through methodological research and development; to provide support in solving short-term needs in areas where its expertise is crucial; and to disseminate knowledge and transfer technology.

Topics of Interest in NCRENB 2022 are as follows: 1 Electronics and Telecommunication Engineering 2 Electrical Engineering

- 3 Computer Engineering
- 4 Mechanical Engineering
- 5 Civil Engineering
- 6 Humanities & Applied Science

NCRENB 2022 was organized in co-operation with following International Body:
VIVA-Tech IJRI

Conference Statistics:

Track wise Paper Statistics: Selection

Track Name	TRACK	Papers	Internal Review	CRC
Electronics & Telecommunication Engineering	EXTC	22	22	22
Electrical Engineering	ELECT	35	32	32
Computer Engineering	COMP	26	26	26





Civil Engineering	CIVIL	41	39	39
Mechanical Engineering	MECH	70	40	39
Humanities & Applied Science	HUMA	3	3	3
Master of Computer application	MCA	42	42	42
Total		239	204	203

Conference Registration Statistics: Track	Total	CRC	Registered /Recovery	Non Registered
EXTC	22	22	22	0
ELECT	35	32	32	3
COMP	26	26	26	0
CIVIL	41	39	39	2
MECH	70	39	39	31
HUMA	3	3	3	0
MCA	42	42	42	0
Total	239	203	203	36

Total Paper Submissions	239
Accepted Full Papers for VIVA-TECH IJRI	203
Total Accepted Papers	203
Acceptance Rate	84.93%

Total 239 Papers were received out of which 203 Papers were accepted. The paper submission system was online managed by www.easychair.org. The papers were reviewed by a panel of internal as well as external reviewers. For each paper minimum two reviews were performed. Minimum One review by internal (VIVA TECH) reviewer and one review by external reviewers were performed. All external reviewers were highly qualified & experienced personnel with good expertise. NCRENB-2022 was held on google meet platform. All papers were finally approved by program convener Dr. Arun Kumar for uploading on VIVA-TECH IJRI

Overall Response:

Expected delegates: 203 (Registered)

Total delegates : 203

(Attended) Percentage turn out : 100%

Total Resource persons : 16

Events organized

Paper presentation - 203 papers





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Feedback

Rated very high with the following notes from the delegates:

- a) Good technical contents and research oriented.
- b) Though creativity was there, need to be enhanced.
- c) Hospitality was excellent.
- d) Cooperative staff members.

Prepared By:

Prof. Archana Ingle

(NCRENB 2022, Co-Convener) Prof. Karishma Raut (NCRENB 2022, Co-

Prof. Meena Perla

(NCRENB 2022, Program Committee)

Prof. Meera Kulkarni

(NCRENB 2022, Program Committee)

Approved By:

Dr. Arun Kumar (NCRENB 2022-Convener)

(Principal – VIVA Institute of Technology, Mumbai, Maharashtra) Date: 05/04/2022

Place: VIVA-TECH, Mumbai, Maharashtra.





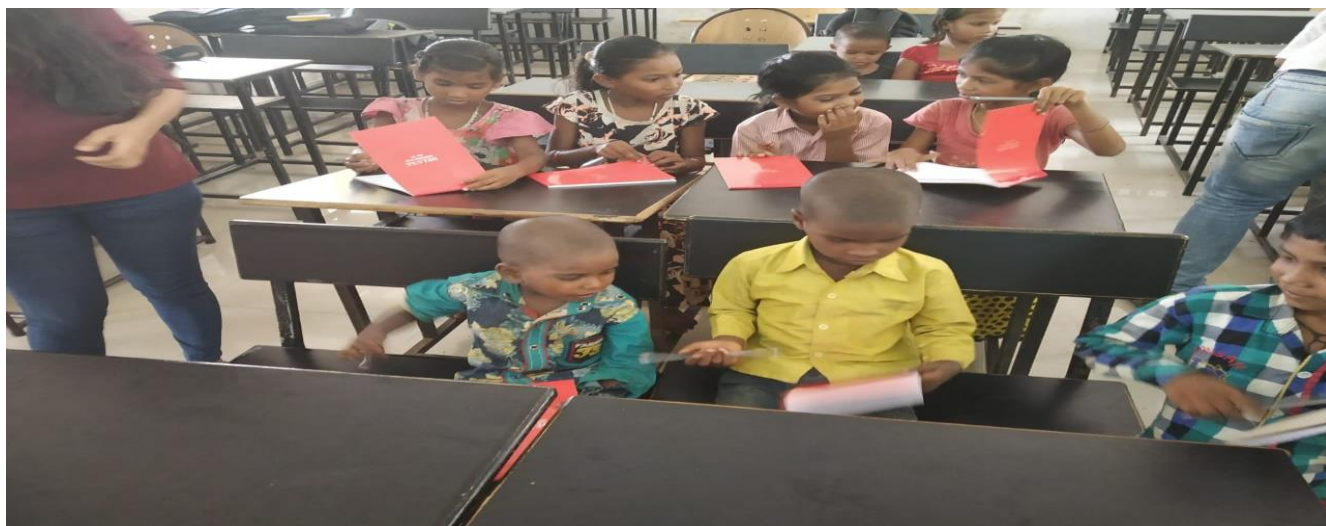
Vishnu Waman Thakur Charitable Trust's
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Social Awareness Programme on “Importance of Education”

**Organised by
VIVA Institute of Technology
On 13.06.2018**

VIVA institute of Technology has always been taking care of overall growth of the students and staffs. Keeping this in mind, some active students along with the help of our Principal Dr. Arun Kumar and some staffs have organised an awareness programme on the “Importance of Education” of the neighbouring children from the village in the vicinity of the college on 13.06.2018.





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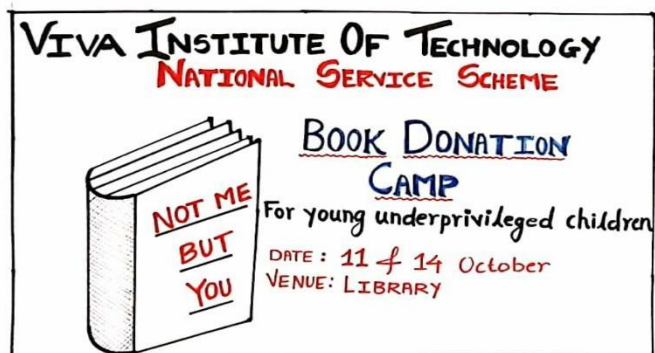
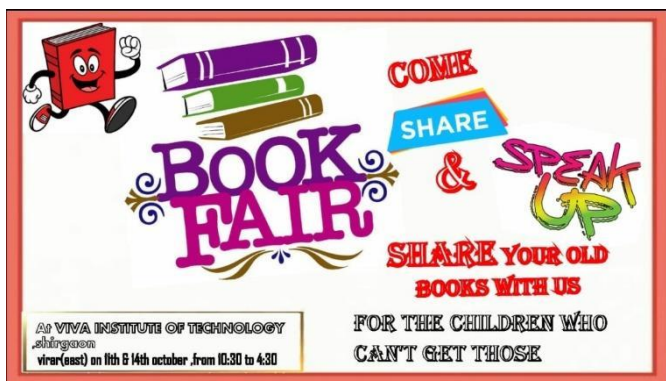




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Book Donation Camp
On the 11th and 14th of October 2019



NSS volunteers from Viva Institute of Technology successfully hosted a book donation camp in the college library. On the above mentioned dates, two volunteers were present in the library from 10:30 a.m. to 4:30 p.m. to collect books. Volunteers created banners to raise awareness about the book donation camp. Students from almost all of the college's branches, as well as the college's personnel, donated books. The books supplied vary from the Bhagwat Geeta to school textbooks, narrative books to Marathi magazines, Manorama to JEE examinations, as well as motivational and inspirational books. A total of 600+ books were collected by the end of the two-day programme.

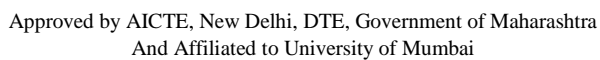




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08- 03-2022





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“Donation Drive- Sharing is Caring”
On 7th March 2023





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 **GPS Map Camera**

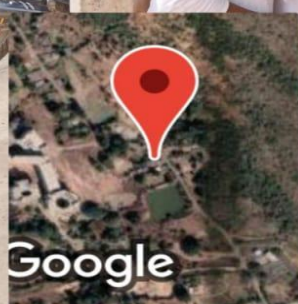
Virar, Maharashtra, India

At Shirgaon, Veer Savarkar Road, Vasai, Thane, FVF5+CG3,
Chandansar, Virar, Maharashtra 401303, India

Lat 19.474173°

Long 72.85995°

08/03/23 11:53 AM GMT +05:30



Google



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

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Clothes Donation Campaign

 Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
Approved by AICTE, DTE and Affiliated to University of Mumbai

Shri. Hitendra V. Thakur
President

Ms. Aparna P. Thakur
Secretary

Dr. Arun Kumar
Principal

Ref. No. : VIVA / VIT / 6354 / 2017-18

Date : 03/04/2018

Scanned with OKEN Scanner

Social Activity on "Clothes Donation Campaign"

All the students and faculty members are hereby informed that VIVA Institute of Technology is organizing an event of "Clothes Donation in Rural Area" on 16th April 2018.

The aim of the campaign is to donate Old and Clean Clothes to every age of the people (Men, Women & Kids) of the Adivasi sector, Shirgaon village nearby Virar East.


Note: Students / Faculties and others are requested to donate clothes as much as possible and be a part of this ISR Activity.

Deposit your contribution to the Electrical Department from 9th April to 12th April 2018 at 11.00 AM to 1 PM.

CC to
All HoDs- (P&T/Comps/ Civil/EXTC/ Electrical/ Mechanical)


Coordinator:
Prof. Piyali Mondal (Electrical Department)


PRINCIPAL


At: Shirgaon
Post: Virar,
Tal.: Vasai,
Dist. Palghar
VIRAR (EAST)





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Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, DTE and Affiliated to University of Mumbai

Shri. Hitendra V. Thakur
President

Ms. Aparna P. Thakur
Secretary

Dr. Arun Kumar
Principal

Ref. No. : VIVA / VIT / 779A / 2018-19

Date : 03/04/2019

Social Activity on "Clothes Donation Campaign"

All the students and faculty members are hereby informed that VIVA Institute of Technology is organizing an event of "Clothes Donation in Rural Area" on 15th April 2019.

The aim of the campaign is to donate Old and Clean Clothes to every age of the people (Men, Women & Kids) of the Adivasi sector, Shirgaon village nearby Virar East.

Note: Students / Faculties and others are requested to donate clothes as much as possible and be a part of this ISR Activity.

Deposit your contribution to the Electrical Department from 9th April to 12th April 2019 at 11.00 AM to 1 PM.

CC to

All HoDs- (FE/ Comps/ Civil/ EXTC/ Electrical/ Mechanical)

P. Mondal

Coordinator:

Prof. Piyali Mondal (Electrical Department)

[Signature]
PRINCIPAL



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Social Activity on "Clothes Donation Campaign"

Organised by
VIVA Institute of Technology



VIVA Institute of Technology has been successfully arranging Old clothes donation campaign where the students and the staff members have been whole heartedly participating in the event in villages which are in the vicinity. The institute very well understand its role in the development of neighbourhood community and is taking steps in inculcating a culture of social responsibility among the staff members and future



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Engineers. The institute is arranging clothes donation programme once a year starting from 2018 onwards.





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Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology
(Approved By AICTE New Delhi, DTE and Affiliated to University of Mumbai)
At: Shirgaon, Veer Sawarkar road, Virar (East) Tal - Vasai, Dist - Palghar, Maharashtra (401305)



Department of Master of Computer Applications

Date: 05/05/2022

INSTITUTE SOCIAL RESPONSIBILITY

All the students and faculty members are hereby informed that MCA Department is organizing an event of "Clothes Donation in Rural Area" on 27th May 2022 in association with National Service Scheme (NSS), VIT.

The aim of the campaign is to donate Old and Clean Clothes to every age of the people (Men, Women & Kids) of the Adivasi sector, Shirgaon village nearby Virar East.

Note: Students / Faculties and others are requested to donate clothes as much as possible and be a part of this ISR Activity.

Deposit your contribution to the Departmental Hall on MCA Building 2nd Floor (MCA Department) from 23rd May to 25th May 2022 at 11.00 AM to 1 PM.

CC to

All HoDs- (FE/ Comps/ Civil/ EXTC/ Electrical/ Mechanical)

ISR Coordinator:

Prof. Nitesh Kumar (VIT MCA)

Prof. Pragati Mestry (VIT MCA)

Prof. Krutika Vartak (VIT MCA)



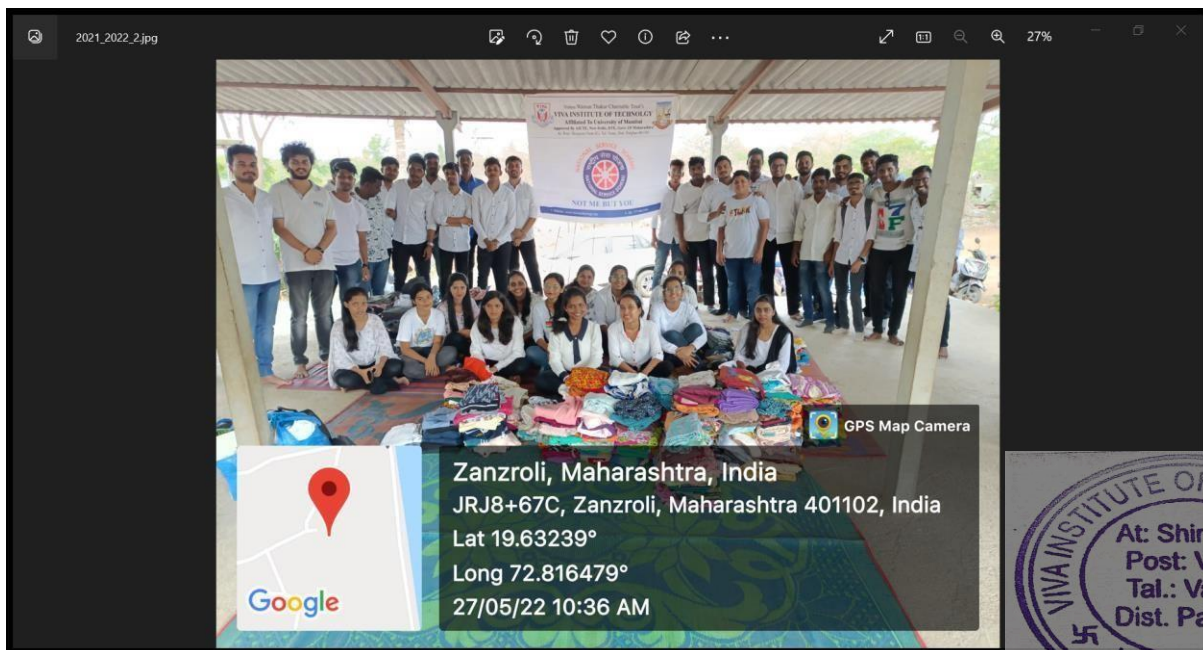
9.5.2022
PRINCIPAL





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Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, DTE and Affiliated to University of Mumbai

Shri. Hitendra V. Thakur
President

Ms. Aparna P. Thakur
Secretary

Dr. Arun Kumar
Principal

Ref. No. : VIVA / VIT / 1184 / 2021-22

Date : 6/4/22

To,
The Station Master,
Virar Railway Station,
Western Railway,
Virar (West),
Tal-Vasai, Dist- Palghar.

Sub: Permission for conducting blood donation drive.

Respected Sir,

NSS volunteers of our college are willing to conduct a **Blood Donation Drive** in association with Rotary Club of Virar and Jagajivan Ram Railway Hospital blood bank, Mumbai Central (Government blood bank.) at Virar Railway station on 23rd April 2022.

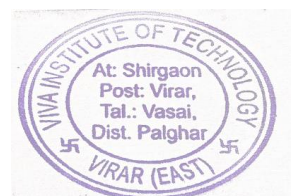
Please do the needful and grant permission to our students.

Thanking you,



Yours faithfully,

Principal



VIVA Technical Campus, At. Post Shirgaon, Virar (East), Dist. Palghar - 401 305.
Tel. : 77700 02544 + Web Fax : 9122 3916 7294 + Website : www.viva-technology.org
E-mail : contact@viva-technology.org / principal@viva-technology.org





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BLOOD DONATION A.Y. 2021-22



Blood Donation Drive at Virar Railway station



Blood Donors at the drive



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Blood Donation



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Jagjivan Ram Hospital (Western Railway) Blood Centre
Blood Donor List

Camp Date : 23/Apr/2022
Camp : VIRAR CAMP (23 APRIL 2022)
Organiser : ROTARY CLUB OF VIRAR

SN	Donor ID	Donor Name	Blood Group	Mobile No.	Email-ID
1	JRHB22-C1406	NEERAJ MAHAMUNKAR	AB Pos	8551964979	
2	JRHB22-C1407	VIVEK MAURYA	A Pos	8625092774	
3	JRHB22-C1408	KATKAR Y SHRIKANT	AB Neg	7400147845	
4	JRHB22-C1409	RADHAKRISHNA SHUKLA	B Pos	8156039365	
5	JRHB22-C1410	SHANTILAL S PARMAR	B Pos	9960041486	
6	JRHB22-C1391	AMAR MARUDKAR	A Pos	7057534787	
7	JRHB22-C1392	NINAD NAMDEV KATE	O Pos	8691942792	
8	JRHB22-C1393	ASOK PENERKAR	O Pos	8149644558	
9	JRHB22-C1394	SHRIKANT C PANCHAL	B Pos	7057211499	
10	JRHB22-C1395	MAHESH SHITALE	A Pos	9527217596	
11	JRHB22-C1396	ASLAM ZARIWALA	A Pos	9967212562	
12	JRHB22-C1397	SAGAR TAMBE	O Pos	9967838066	
13	JRHB22-C1398	MANISH MOHAN KHADPE	B Pos	8698420259	
14	JRHB22-C1399	PRIYANSHU PAL	O Pos	8668582355	
15	JRHB22-C1400	SARTHA VERMA	A Pos	7300311505	
16	JRHB22-C1401	SAURABH VISHWAKARMA	O Pos	9137521454	
17	JRHB22-C1402	UTKARSH MISHRA	O Neg	8928305599	
18	JRHB22-C1403	ARSALAN SALIM SHAIKH	B Pos	9158263890	
19	JRHB22-C1404	TAPAS DAS	AB Pos	7676793455	
20	JRHB22-C1405	MANGESH KALAMBATE	O Pos	8446108191	
21	JRHB22-C1381	ASHISH RANE	B Pos	9588639275	
22	JRHB22-C1382	OMKAR CHIKHALE	A Pos	9768414403	
23	JRHB22-C1383	RAM GOPAL PANDEY	O Pos	8291620919	
24	JRHB22-C1384	CHANDAN S SINGH	O Pos	9145660779	
25	JRHB22-C1385	DIPESH GURAV	O Pos	8208034257	
26	JRHB22-C1386	GANESH P SATPUTE	A Pos	7304062633	
27	JRHB22-C1387	HARSHAD G PARDALE	B Pos	9209395202	
28	JRHB22-C1388	AMIT ROY	A Pos	7977738595	
29	JRHB22-C1389	KALPESH SAVE	O Pos	9867312118	
30	JRHB22-C1390	RAKESH SHARMA	O Pos	9833626626	
31	JRHB22-C1331	SATISH CHAUGULE	B Pos	9594648427	
32	JRHB22-C1332	NAGESH RAM	O Pos	7304075667	





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33	JRHB22-C1333	ARPIT SHARMA	O Pos	9325446502	
34	JRHB22-C1334	USMAN BALMANI	B Pos	8669825854	
35	JRHB22-C1335	ARTAN LOBO	B Pos	8087676534	
36	JRHB22-C1336	VIDHYADHAR VARE	A Pos	9011418432	
37	JRHB22-C1337	DEEPAK VARTHANA	B Pos	7972618360	
38	JRHB22-C1338	JELAJEET SHARMA	B Pos	9819192658	

SN	Donor ID	Donor Name	Blood Group	Mobile No.	Email-ID
39	JRHB22-C1339	ANIL B MISHRA	O Pos	8087942099	
40	JRHB22-C1340	YATESH THAKUR	O Pos	7769048153	
41	JRHB22-C1341	RAHUL .	AB Pos	9910156341	
42	JRHB22-C1342	JAYANTILAL BHATI	A Neg	9270358865	
43	JRHB22-C1343	SUNIL V VADU	A Pos	9325966317	
44	JRHB22-C1344	AJAY S CHALKE	A Pos	8805034906	
45	JRHB22-C1345	SACHIN YADAV	A Pos	7767014346	
46	JRHB22-C1346	DHANANJAY MANDWEKAR	A Pos	8090709883	
47	JRHB22-C1347	GIRISH LOKHANDE	A Pos	9307482798	
48	JRHB22-C1348	DHEERAJ VISHWKARMA	B Pos	7387279435	
49	JRHB22-C1349	SHIVANG R PANDEY	O Pos	9359142308	
50	JRHB22-C1350	VIRAJ PENDURKAR	O Pos	9970441325	
51	JRHB22-C1351	VIRENDRA KUMAR SAHANI	O Pos	9518707603	
52	JRHB22-C1352	ANKIT GURAV	O Pos	8446570168	
53	JRHB22-C1353	AYUSH BHARMA	B Pos	7218632586	
54	JRHB22-C1354	LAV VISHWAKARMA	B Pos	9172527215	
55	JRHB22-C1355	BUPENDRA MEENA	B Pos	8518053316	
56	JRHB22-C1356	SANTOSH GHOLAP	B Pos	9167033930	
57	JRHB22-C1357	KIRTEY ROHIT SANJAY	B Pos	9082926124	
58	JRHB22-C1358	PRAKASH .	O Pos	9970266329	
59	JRHB22-C1359	SACHIN S SHIRODHAR	A Pos	8983588545	
60	JRHB22-C1360	VIKASH VISHWAKARMA	B Pos	8097377661	
61	JRHB22-C1361	AMAN PANDEY	B Pos	9765641733	
62	JRHB22-C1362	CHIRAG PUROHIT	B Pos	7666434982	
63	JRHB22-C1363	KRISHNA C SEMWALA	A Pos	8097162248	
64	JRHB22-C1364	PRAVIN JOBHI	O Pos	9495969925	
65	JRHB22-C1365	HIMANSHU SANKHE	A Pos	8999112074	
66	JRHB22-C1366	RAHUL SHELKA	B Pos	8390441146	
67	JRHB22-C1367	VIRAL PATEL	AB Pos	9545679876	






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68	JRHB22-C1368	YASH SETA	O Pos	9665440505	
69	JRHB22-C1369	AMIT P SHINDE	B Pos	8857056503	
70	JRHB22-C1370	PARSHURAM .	A Pos	7719907963	
71	JRHB22-C1371	CHETAN MISTRY	O Pos	9220571032	
72	JRHB22-C1372	HUBBAIN SHAIKH	O Pos	7558552606	
73	JRHB22-C1373	PRAKTAN KINI	O Pos	9322550358	
74	JRHB22-C1374	GOPAL ARORA	B Pos	9022603342	
75	JRHB22-C1375	SHREEPAD DHANAWADE	B Neg	9765420454	
76	JRHB22-C1376	DHEERAJ TAK	O Pos	8976294331	

SN	Donor ID	Donor Name	Blood Group	Mobile No.	Email-ID
77	JRHB22-C1377	RAHUL BHALERAO	A Pos	8691977384	
78	JRHB22-C1378	ROOPESH KUMAR TANTI	B Pos	8981388836	
79	JRHB22-C1379	VIJAY G RAUT	AB Pos	9270080951	
80	JRHB22-C1380	KRISHNA V JAISWAL	B Pos	9021279805	

FDA LIC. No.: 28-C/MH/102846

पश्चिम रेलवे  **WESTERN RAILWAY**

JAGJIVAN RAM HOSPITAL (WESTERN RAILWAY) BLOOD BANK
Maratha Mandir Road, Mumbai Central (E), Mumbai-400 008. • Tel.: 022-67643270

CERTIFICATE

Jagjivan Ram Hospital (Western Railway) Blood Bank feels honored to felicitate

VIVA INSTITUTE OF TECHNOLOGY (VIRAR)

for extraordinary interest and support towards success of blood donation programmes

held on 23/04/2022 at VIRAR RAILWAY STATION

where 80 voluntary blood donation were

made for the sake of humanity.

At: Shirgaon
Post: Virar,
Tal.: Vasai,
Dist. Palghar
VIRAR (EAST)

Medical Officer





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पश्चिम रेलवे
Western Railway

**JAGJIVAN RAM HOSPITAL (W.Rly),
Maratha Mandir Marg, Mumbai Central – 400 008.**

Date: 26/04/2022

**To,
The Principal
Viva Institute of Technology
At. Post. Shirgaon, Virar (E)
Tal. Vasai, Dist. Palghar-401305**

Dear Sir / Madam

We express our sincere Thanks and appreciation for Organizing Blood Donation Camp at Virar Railway Station on 23th April 2022.

We were able to collect **(80 Units)** of blood in this camp. Blood Camps became successful with your management appreciate support only. Please note that all the collected Blood will be given free to our Hospitalized patients. We will be happy to help you when blood is needed by your Organization.

Thanking You.

With Regards

[Signature]
**Jagjivan Ram Hospital
(Western Railway) Blood Centre
Mumbai Central**

