### **Bio-Data**

Name : Dr. Surendra Bhosale

**Designation**: 1. Head, Electrical Engineering, Associate Professor VJTI Mumbai.

2. Associate NCC officer (Company Commander, 5 Mah. EME)

**Education** : B E Electrical with X<sup>th</sup> University Rank, M E (Electrical- Controls)

Ph.D. (Electronics Engg.)

**Experience**: Teaching - 33 years at VJTI,

: Administration-6Yrs. (As Head Monitoring & Evaluation at

Directorate of Technical Education on World bank assisted project as

TEQIP-II

University/	Post	From	То	Total
Institution*				
VJTI	LECTURER	08.03.1988	08.03.1990	2 YEARS
MUMBAI	(DIPLOMA)			
VJTI	LECTURER	09.03.1990	02.09.2003	13 YEARS,6 M
MUMBAI	(DEGREE)			
VJTI	ASSOCIATE PROF	03.09.2003	30.11.2011	8 YEARS,2 M
MUMBAI	(DEGREE)			
DTE	HEAD(MONITORING &	01.12.2011	10.08.2017	5 YEARS,8 M
MUMBAI	EVALUATION)			
VJTI	ASSOCIATE PROF	11.08.2017	TILL	4 YEARS,3 M
MUMBAI	(DEGREE)		1.12.2021	
Total Experien	33 YEARS,8 M			

### National Cadet Corp (NCC) Promotions: Associate NCC officer

Promotions	Rank
Commissioned on 1.7.1994	2/Lieutenant
Promoted on 16.10.1995	Lieutenant
Promoted on 1.7.2000	Capt.
Promoted on 1.7.2007	Major

As Company commander 5, Maharashtra EME Company, NCC, VJTI Mumbai, Organized and participated more than 25 training camps for student cadets.

#### Title of Ph.D. Thesis:

"Development of the efficient algorithms for Routing and Wavelength Assignments (RWA) in WDM optical networks".

### **Publications of Research Outcomes:**

- 1. "Maximum Flow Based Load Balanced Routing Protocol (Max Flow LB) for WDM Networks ", European Journal of Scientific Research(EJSR), 56.3 (2011): 364-375.
- "Ant Based Survivable Routing and Load Balancing Technique (ABSRLB)in WDM Networks ", International Review on Computers and Software (IRECOS), 8.7 (2013): 1578-1586.
- 3. "A new adaptive approach in Routing and wavelength assignment (ARWA) for Optical WDM Networks", International Journal of advances in computer networks and its security (IJCNS), 5.2:7-11.
- 4. "A New Fault Tolerant Approach for Load Balancing in Routing and Wavelength Assignment (FT-ARWA) in WDM Networks", International Journal of advances in computer networks and its security (IJCNS), 5.2: 70-74.
- 5. "Traffic Grooming Fault Tolerant Technique for Load-Balanced Routing and Wavelength Assignment in WDM Networks", International Journal of advances in computer networks and its security (IJCNS), 6.1:46-50.
- 6. A new adaptive approach in routing and wavelength assignment (ARWA) for Optical WDM Networks", Second International conference on advances in computing, control and networking (ACCN 2015), held at Bangkok, Thailand, pp. 108-113.
- 7. "A new fault tolerant approach for load balancing in routing and wavelength assignment (FT-ARWA) in WDM Networks, Third International conference on advances in computing, communication and information technology (CCIT 2015),held at Birmingham ,UK, pp. 129-133.
- 8. "Traffic grooming fault tolerant technique for load-balanced routing and wavelength assignment (IA-ARWA) in WDM Networks", Third International conference on advances in computing, electronics and communication (ACEC 2015), held at Zurich, Switzerland, pp. 161-165.

### Ph.D. Course work:

Sr. No.	Course Name	Institute	Duration
1	Fiber Optic Communication [EE606]	I.I.T. Bombay	Jan-Apr 2008
2	Radiating Systems [EE609]	I.I.T. Bombay	July-Nov 2008
3	Computer Communication Networks [EE706]	I.I.T. Bombay	Jan-Apr 2009
4	"Introduction to Research Methodologies"	I.I.T. Bombay	June 25-July 04,2012

# **Short course at Foreign University:**

Sr.	Course Name	Institute	Duration
No.			
1	RF Circuits and Systems	University of Surrey,	July 06-10,2009
	Design	Guildford, U.K.	
2	IP Networking Protocols	University of Surrey,	Nov 11-15,2013
	And Technologies.	Guildford, U.K.	

# My asset (Ph.D. Scholars)

Sr	Year of	Full time/	Name of	Parental	Broad Area
no	Joining	Part time	Scholar	Institute	
1	2017	Part time	Mrs Shital	RAIT	ML for Prediction of
			Patil	Navimumbai	cardiac attacks
2	2018	Part time	Mr Rajesh	VJTI	ML for Denoising
			Patil	Mumbai	technique
3	2018	Part time	Mr Bhushan	RAIT	ML for Network
			Deore	Navimumbai	Intrusion Detection
4	2018	Part time	Mr Vivek	RAIT	Hybrid Beam Forming in
			Kadam	Navimumbai	MIMO Radar system
5	2018	Part time	Mrs Shamal	RAIT	Deep Learning for
			Pandey	Navimumbai	Steganalysis
6	2013/	Part time	Mrs Jyoti	VPCOE Pune	ML in Smart Grid
	2021		Kulkarni		

### **Laboratory Development:**

- 1. In charge of Analog communication Laboratory (1999-2011)
- 2. In charge of VLSI& Embedded System Laboratory (2018 onwards)
- Centre of excellence Advanced RF communication Laboratory (2009)- Phase I
  TEQIP 67 Lac (RF Source 300 GHz, RF Vector Network Analyser, RF handheld
  Analyser, Wideband Spectrum Analyser)

### Responsibilities Handled at Institute /DTE/ Govt.:

- 1. Information officer RTI 2005 at VJTI. (2009-2013)
- 2. Admission in charge FY B Tech (2009-2011)
- 3. Proposal for B Tech Electronics & telecommunication & approval Process.
- 4. In charge faculty of CEP/DEP Centre. (2009-2011)
- 5. Member of Student Council ,University of Mumbai
- 6. Officer in charge for Autonomous examinations (2009,2010)
- 7. Interview board member for service commissions and Govt. recruitments.
- 8. CAS committee at DTE Mumbai
- 9. Member of purchase committee as expert, Govt. of Maharashtra.

### Major Work Done at Mumbai University:

- 1. Examiner and paper setter at university Examinations.
- 2. Participation in CAS as Examiner and Moderator.
- 3. Vigilance squad Committee member.
- 4. Moderation committee of BOS for Results Declaration of Second Year and Third Year
- 5. Syllabus Revision 2002 for UG and PG Electrical/Electronics/Electronics and Telecommunication.
- 6. Subcommittees for Appointments of examiners under BOS Electrical Engineering.
- 7. Chief Conductor at VES CHEMBUR.
- 8. Member of University Grievances committee.
- 9. Worked Student council VJTI Representative.

# **Subjects Taught:**

UG/PG	COURSE	NO OF TIMES
PG	RESEARCH METHODOLOGY	4
PG	COMPUTATIONAL METHODS	4
PG	ADVANCED COMMUNICATION THEORY	3
PG	SATELLITE COMMUNICATION SYSTEMS	2
PG	MOBILE COMMUNICATION SYSTEMS	3
PG	MIROWAVE ENGINEERING	2
PG	COMMUNICATION NETWORKS	2
PG	PROCESS CONTROL& INSTRUMENTATION	2
PG	RADAR ENGINEERING	1
UG/PG	FIBER OPTIC COMMUNICATION	4
UG/PG	SATELLITE COMMUNICATION	2
UG	COMPUTER ORGANISATION	4
UG	TELEVISION &VIDEO ENGINEERING	8
UG	MICROWAVE &FIBER OPTICS	3
UG	DESIGN &ESTIMATION OF ELECTRICAL SYSTEMS	3
UG	DIGITAL COMMUNICATION	3
UG	PRINCIPLES OF COMMUNICATION SYSTEMS	4
UG	SIGNAL& SYSTEMS	2
UG	DIGITAL SYSTEMS	1
UG	MICROPROCESSOR&PERIPHERALS	1
UG	APPLIED ELECTRONICS	1
UG	ELECTRICAL ENGINEERING MATERIALS	1
UG	BASIC ELECTRICAL ENGINEERING	11

### **Role and responsibilities & Achievements as Head (Monitoring & Evaluation)**

**TEQIP II** (Technical Education Quality Improvement Programme- World bank assisted project through MHRD- NPU Cell)

- In charge of Management Information System (MIS): uploading & monitoring progress of TEQIP-II Program of all 17 Project Institutes in the state.
- Monitoring Key Performance Indicators (KPI), which resulted to project institutes qualify to qualify for TEQIP-III.
- Instrumental in guiding Institutes and assessment of Centre of Excellences (COE) Proposals by personal visits to qualifying institutes, with right efforts Maharashtra state could get Five COEs (out of 30 COEs All over India).
  - ✓ Complex & Nonlinear Dynamical Systems (CNDS), **VJTI**, **Mumbai**.
  - ✓ Signal and Image Processing, College of Engineering, Pune.
  - ✓ Smart Renewable Energy Systems, College of Engineering, Pune.
  - ✓ Process Intensification Institute of Chemical Technology, Mumbai.
  - ✓ Signal and Image Processing, SGGS Nanded.
- Instrumental in Arranging Administrative, subject trainings for Management, staff and Subject specific trainings, CEP and Workshops for Project institutes.
- Academic audits by Performance Auditors and Data Auditors. We have appointed renowned academicians to carryout academic audits of project institutes.
- M& E cell conducted meetings of State Steering Committee (SSC) for reporting of progress of institutes and planning for improvements.
- Special Syllabus Committee was formed wherein all universities in state participated to make World class uniform syllabus for all universities in state.
- All project institutes were encouraged to set out a 'Residential Training Centers' in project institutes campus so that CEP/FDP programs can be conducted.
- Delegates were sent for Foreign visits for Faculties to have interaction with world's leading universities and MOU were signed. Joint Research projects and credit transfers. Research Publications increased by 800 % compared with Pre TEQIP II.
   Students Placement and salary packages were improved during Project.
- We have Conduced cluster meetings for various regions in the state so that Regional issues can be addressed.
- MOU with Industries and foreign universities were done by arranging Summits and series of meetings with Industries and world class universities

# **Invited talk as expert:**

Sr no	Topic of speech/ lecture	Venue	Delivered on
1	Performance parameters of Communication Networks	Rajiv Gandhi Institute of technology, Mumbai	24/11/20006
2.	Career planning for Engineering students	Govt. COE Karad	23/08/2015
3.	Career planning for Engineering students	DOT Kolhapur	24 /08/2015
4	Career planning for Engineering students	Bharati Vidyapeeth COE Pune,	6 /10/2015
5	Career planning for Engineering students	Govt. COE Amravati	9/10/2015
6	Career planning for Engineering students	GH Raisoni COE, Nagpur	10/10/2015
7	Transmitters and receivers	RF Systems and Design"/ Sinhgad COEPune	7/12/2015
8	Transmission lines	RF Systems and Design"/ Sinhgad COEPune	8/12/2015
10	Mobile handset design	RF Systems and Design"/ Sinhgad COEPune	9/12/2015
11	RF Measurements	RF Systems and Design"/ Sinhgad COEPune	10/12/2015
12	Wireless applications	RF Systems and Design"/ Sinhgad COEPune	11/12/2015
13	Career planning for Engineering students	Walchand college of engineering, Sangli	10 /12/2015
13	Recent advances in Communication systems	NBN College of Engineering Pune	14/01/2016
11	"Work Ethics and Etiquette"	TEQIP Institutes at Hotel Aaramdham, Lonavala	10/12/2016
12	"Right to Service" Act	TEQIP Institutes at Hotel Aaramdham, Lonavala	11/12/2016
13	"Discipline" at work place	TEQIP Institutes at Hotel Aaramdham, Lonavala	11/12/2016
14	Career planning for Engineering	Sardar Patel College of	20 /12/2016

	students	Engineering, Mumbai	
14	Future scope for telecommunication Engineers in India	Sanjivani College of Engineering Kolhapur	21/12/2016
	"Work Ethics and Etiquette"	"Personality Development and e-learning "/ Dr. BATU Lonere	22/12/2016
15	"Right to Service" Act	"Personality Development and e-learning "/ Dr. BATU Lonere	23/12/2016
16	"Discipline" at work place	"Personality Development and e-learning "/ Dr. BATU Lonere	24/12/2016
17	Bridging bag between analog and digital communication for sound and picture transmission in TV system,	K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai	21/02/2018
18	Career opportunities for engineering graduates	Lokmanya Tilak College of Engineering, Koperkhairane	27/09/2018
19	Future for discipline Telecommunication	Lokmanya Tilak College of Engineering, Koperkhairane	27/09/2018
20	The concept of machine vision: Image Acquisition and Processing	NBN College of Engineering Pune	14/02/2019
21	Ethics in Research	FDP on Research Methodology and Data Analysis through SPSS H R College Mumbai-20	16/12/2019
22	"Career Opportunities to Engineering Graduates [https://bit.ly/2ZBbym8]	Gaya College of Engineering, Gaya	10/07/2020,
23	"How to Excel at Interview [https://bit.ly/3o5Tr10]	Gaya College of Engineering, Gaya	13/07/2020
24	Career opportunities for engineering graduates [https://bit.ly/2ZBhuLV]	K. J. Somaiya Institute of Engineering and Information Technology, Sion.	20/07/2020
25	Scientific Conduct	RPE (Research and Publication Ethics) /SPIT ANDHERI	19/11/2021

### Social Interaction and payback to society:

- Member of Lions Clubs International since 2014.
- Served as Club Tamer, Club treasurer, Club Vice President and Club President in 2015, 2016, 2017 and 2018 respectively.
- Now serving in the District Administration as Zone chairperson, Region Chairperson and Micro status member in consecutive years i.e.2019, 2020 & 2021 respectively and journey continues.
- Donated USD 2000 for LCIF fund, which is mainly utilized for natural calamity and medical services to needy persons and proudly became PMJF (Progressive Melvin John Fellow).
- Completed Graduation and Post-Graduation from the LIONS University USA-Canada forum.
- Attended Leadership training institutes graduations namely DLLI (District Lions Leadership Institute), RLLI (Regional Lions Leadership Institute), ALLI (Advanced Lions Leadership Institute) and intend to march towards highest Leadership certified certification. I am also certified guiding Lion, which is different kind of feast that not all can have!
- Completed all 41 courses available on Lions learning center (LLC).
- In year 2020-21, arranged online program to promote the success stories of the clubs doing social services of needy people by arranging event "RC ki Pathshala".
   I am proudly recipient International Recognition and certification.
- Instrumental in arranging free Medical Camps, Diabetes awareness camps, tree
  plantation drives, no plastic drive, relieve hunger programs, COVID protection
  items free distribution, Youth services, Girls education, save environment drives,
  free cataract operations and Adivasi Mass Marriage programs while doing social
  services, which gives different level of satisfactions in life.
- Recently joined International Human Rights organization and holding a post of District General Secretary.
- I am part of several other committees to help under privileged people in society.
- I am passionate person to offer career guidance free of charges.
- Installation of 5 Lions clubs carried out.

### **Foreign visits**:

- 1. University of Surrey, Guildford, United Kingdom, UK. (July 4-14, 2009).
- 2. University of Surrey, Guildford, United Kingdom, UK. (Nov 11-19, 2013).
- 3. Conference at Bangkok, Thailand by IRED, USA, (FEB 20-22, 2015).
- 4. University of Birmingham, United Kingdom, UK (MAY 25-26, 2015).

### **Development of Course material /Monograph/ notes**

Sr no	Subject notes	Class
1	Basic Electrical Engineering	F Y B Tech (All Branches)
2	Principle of Communication Engineering	S Y B Tech (All Branches)
3	Communication Engineering II	Final B Tech Electrical
4	Design of Estimation Electrical System	Final B Tech Electrical
5	Wireless communication	Final B Tech Electronics
6.	Mobile Computing	Final B Tech Computer/IT

### **Guided/ ongoing:**

Ph.D.	P.G. Dissertations	<b>U.G.</b> Dissertations
06	43	125

### **Publications:**

International	International Conference	National Conference	TOTAL
Journal			
14	28	12	54

#### **Publications: International Journals**

- Surendra Bhosale, Nisha Sarwade ,"Maximum Flow Based Load Balanced Routing Protocol for WDM Networks", European Journal of Scientific Research, UK (© Euro Journals Publishing, Inc), ISSN 1450-216X, Vol.56 No.3 ,pp.364-375, (JUL 2011). [http://surl.li/auatj]
- 2 Surendra Bhosale, Nishant Kukreja, Amol Kavitkar, Sanjay Waware, IMS (IP MULTIMEDIA SUBSYSTEM) CONVERGENCE WITH WEB 2.0 SERVICES: ARCHITECTURE & REVIEW", International Journal of Advanced Technology & Engineering Research (IJATER), ISSN NO: 2250-3536 VOLUME 2, ISSUE 2, MAY 2012 pp 93-99. [http://surl.li/auaxa]
- 3. **Surendra Bhosale**, Kiran Salunkhe, Gajanan Rawalkar," Implementing and Comparing DSR and DSDV Routing Protocols for Mobile ADHOC Networking", International Journal of Advanced Technology & Engineering Research (IJATER), ISSN NO: 2250-3536 VOLUME 2, ISSUE 2, MAY 2012 ,pp 182-186. [http://surl.li/auayq]
- 4. **Surendra Bhosale,** Ankur Ganokar," Close Loop Feedback System for Device Automation", International Journal of Information and Education Technology (IJIET) 2012, IJIET 2012 ISSN: 2010-3689 Vol.2 (5): pp 483-485. [http://surl.li/auaxp]
- Surendra Bhosale, Nisha Sarwade," Ant Based Survivable Routing and Load Balancing Technique in WDM Networks", International Review On Computers and Software (IRECOS), ITALY, (PWP House) ISSN 1828-6003, Vol.8 (7), pp 1578-1586. (JULY 2013). [http://surl.li/auayi]
- 6. Surendra Bhosale, Nisha Sarwade "A New Adaptive approach in Routing and Wavelength Assignment (ARWA) for Optical WDM Networks" International Journal of Advances in Computer Networks and Its Security (IJCNS) pp-7-11, JUL 2015, Vol-5, Issue-5 [DOI: 10.15224/978-1-63248-038-5-89]
- Surendra Bhosale, Nisha Sarwade, "A New Fault Tolerant Approach for Load Balancing in Routing and Wavelength Assignment (FT-ARWA) in WDM Networks". International Journal of Advances in Computer Networks and Its Security (IJCNS) pp-70-74, JUL 2015, Vol-5, Issue-5 [DOI: 10.15224/978-1-63248-061-2-75]
- 8. **Surendra Bhosale**, Nisha Sarwade "Traffic Grooming Fault Tolerant Technique for Load-Balanced Routing and Wavelength Assignment in WDM Networks" International Journal of Advances in Computer Networks and Its Security (IJCNS). pp-46-50, APRIL 2016, Vol-6, Issue-1 [DOI: 10.15224/978-1-63248-064-4-76]

- 9. Kunal Kadam, **Surendra Bhosale**, "FPGA Based Processor for Feature Detection in Ultra Wide Band Radar" International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056 p-ISSN: 2395-0072, pp1158-1162, July 2019 [http://surl.li/auazz]
- 10. Sayali Shinde, Om Patel, Adarsha K, Surendra Bhosale. "Development of Proposed ATE of Digital Stethoscope" Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162), pp-254-257, June 2019, Vol-6, Issue-6 [http://surl.li/aubae]
- 11. Roshni Borse and **Surendra Bhosale**, "Predictive Maintenance of gears in Gas Turbines using SVM" International Journal for science and research in Technology (IJSART) ISSN ON LINE:2395-1052, Jul 2019, Vol-5, Issue-7 [http://surl.li/auban]
- 12. Pranali Shirsat, **Surendra Bhosale**, "Breast Cancer detection based on machine learning feature selection and extraction algorithm." International Journal for science and research in Technology (IJSART) ISSN ON LINE: 2395-1052, Jul 2019, Vol-5, Issue-7 [http://surl.li/aubat]
- 13. Karunesh Loke, Imran Tamboli, and **Surendra Bhosale** "Development of IoT Module Agriculture Solution for Indian Farmers" Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162), pp 276-280, June 2019, Vol-6, Issue-6 [http://surl.li/aubax]
- 14. Shital Patil and **Surendra Bhosale**. "Deep learning applications for analysis in Medical Imaging and Computer Vision", Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162), pp 258-264, June 2019, Vol-6, Issue-6 [http://surl.li/aubbf]

#### **Publications: International Conferences**

- Surendra Bhosale, Shankar Navale, "Design of Microwave Wideband Inter digital Filter", International Conference on Emerging Technologies & Applications in Engineering, Technologies and Sciences , ICETAETS-2008 January13-14,2008. [http://surl.li/aubbq]
- Surendra Bhosale, Suhas Waghmare, Aditya Parab, Pankaj Nikose," Effect of On-Demand AD-HOC Routing protocols on TCP performance in MANET", International Conference On Sunrise Technologies, ICOST 2011, January 13-15,2011.
- 3. **Surendra Bhosale**, Suhas Waghmare, Aditya Parab, Pankaj Nikose," Comparative Analysis of different TCP variants in Wireless Environment", International Conference

- Electronics, Computer Technology.(IEEE Xplore) ICECT 2011 April 8-10 ,2011. [DOI: 10.1109/ICECTECH.2011.5941878]
- 4. **Surendra Bhosale**, Jatin Desai, Suhas Waghmare," Design of a Low Cost Suspect Detection System Based on Lab VIEW", International Conference on Emerging Trends in Engineering, ICETE 2011, May 4-5,2011, pp 556-559. [http://surl.li/aubdg]
- Surendra Bhosale, Pankaj Tasgaonkar, "A VBR SLOT ALLOCATION ALGORITHM
  FOR WIRELESS ATM", International Conference of Communication and Electronics
  Information", ICCEI 2012, Jan 14-15, 2012. [http://surl.li/aubdt]
- Surendra Bhosale, Ankur Ganokar," GSM Based Home Automation with Multiple Feedback System", International Conference on Electronics and Electrical Engineering, Nagpur, ICEEE, Feb 2012. [http://surl.li/aubla]
- 7. **Surendra Bhosale,** Ankur Ganokar, "Close Loop Feedback System for Device Automation", International Conference on Information and Education Technology, Mumbai (Available on Science Direct), ICIET 2012, January 14-15, 2012, pp 483-485.

  [DOI: 10.7763/IJIET.2012.V2.185]
- 8. Surendra Bhosale, Nisha Sarwade, "A New Adaptive approach in Routing and Wavelength Assignment (ARWA) for Optical WDM Networks", Second International Conference On Advances in Computing, Control and Networking (ACCN 2015), Bangkok, pp 108-113, 02,2015.
- 9. Surendra Bhosale, Nisha Sarwade, "A New Fault Tolerant Approach for Load-Balancing in Routing and Wavelength Assignment (FT-ARWA) in WDM Networks". Third International Conference on Advances in Computing, Communication and Information Technology (CCIT 2015) Birmingham.", pp 129-133, 05,2015.
- 10. Surendra Bhosale, Nisha Sarwade, "Traffic Grooming Fault Tolerant Technique for Load-Balanced Routing and Wavelength Assignment (IA-ARWA) in WDM Networks", Third International Conference on Advances in Computing, Electronics and Communication (ACEC 2015) Zurich, pp 161-165, 04,2016.
- 11. Surendra Bhosale, Sandeep Ghemire, Ashish Pandey, Abhishek Chatur, "Improvement of data rate in optical system using self-phase modulation", Second International conference on Advanced trends in Engineering (ICATE-2K18) IEEE BOMBAY Section, ISBN :978-93-5267-422-0, APRIL 6-7, 2018
- 12. Surendra Bhosale, Sandeep Ghemire, Ashish Pandey, Abhishek Chatur, "Effect of cross phase modulation on non-zero dispersion optical system", Second International

- conference on Advanced trends in Engineering (ICATE-2K18) IEEE BOMBAY Section, ISBN :978-93-5267-422-0, APRIL 6-7, 2018
- 13. Surendra Bhosale, Sandeep Ghemire, Ashish Pandey, Abhishek Chatur, "Nonlinearity and chromatic dispersion in optical fiber system using four wave mixing", Second International conference on Advanced trends in Engineering (ICATE-2K18) IEEE BOMBAY Section, ISBN:978-93-5267-422-0, APRIL 6-7, 2018
  - 14. Karunesh Loke, Imran Tamboli, Surendra **Bhosale**, "IoT for Agricultural India A Case Study", International Conference on Trends in Electronics & Communication ,TELCON 2019 at Thakur College of Engineering and Technology, Mumbai, India, Feb22-23,2019
  - 15. Shital Patil, Surendra **Bhosale**, "Machine learning Applications in Medical Image Analysis Case", International Conference on Trends in Electronics & Communication ,TELCON 2019 at Thakur College of Engineering and Technology, Mumbai, India, Feb22-23,2019
  - 16. Sayali Shinde, Om Patel, Mr. Adarsha K, **Surendra Bhosale**, "Automated Circuit Level Testing Of Digital Stethoscope", International Conference on Trends in Electronics & Communication ,TELCON 2019 at Thakur College of Engineering and Technology, Mumbai, India, Feb22-23,2019
  - 17. Pawan Sable, Surendra Bhosale, "Security and Authentication Protocol and Security Threats in WSN, Symposium on Research and Innovations in Cyber Security(SRICS-2019), College of Engineering, Pune, 16th March 2019.
- 18. Patil Shital, **Surendra Bhosale.** "Hyper parameter Tuning Based Performance Analysis of Machine Learning Approaches for Prediction of Cardiac Complications." In *SoCPaR*, pp. 605-617. 2020. [DOI: 10.1007/978-3-030-73689-7\_58]
- 19. Lakhani, Neha, Madhur Rajadhyaksha, Mohammad Anas Mudassir, Sheetal Chaudhari, Manav Ranawat, and Surendra Bhosale, "A Modified Approach to Sleep Scheduling Mechanism Using Particle Swarm Optimization for Wireless Sensor Network." In 2021 2nd International Conference for Emerging Technology (INCET), pp. 1-5. IEEE, 2021. [http://surl.li/aubmc]
- 20. Patil, Rajesh, Surendra **Bhosale**. "Medical Image Denoising using Wavelet Transform and Singular Value Decomposition." (2020). [DOI: 10.32438/WPE.322021]
- 21. Patil Shital, Surendra Bhosale. "Machine learning Applications in Medical Image Analysis" International Conference on Trends in Electronics & Communication At:

- Thakur College of Engineering and Technology, Mumbai, India Volume: volume 6, Issue 6, June 2019 [https://bit.ly/31gXsHg]
- 22. Deore Bhushan, Surendra Bhosale, "A Decisive approach to Intrusion detection system using machine learning model" International conference on Innovative Development and Engineering Applications (IDEA), Published in WEENTECH Proceedings in Energy, volume 7 (Issue-1) 143-154, 8-10 Feb. 2021. [https://bit.ly/3xER4p6]
- 23. Deore Bhushan, Surendra Bhosale, "Intrusion Detection System with a Modified DASO Optimization Algorithm" International Conference on Engineering Science and Technology (IConEST) on October 21-24, 2021 in Chicago, USA.
- 24 Kadam Vivek, Surendra Bhosale, "Salp Swarm Optimization in Hybrid Beamforming for MIMO Radar", International conference on Innovative Development and Engineering Applications (IDEA), Published in WEENTECH Proceedings in Energy, volume 7 (Issue-1) 469-480, 8-10 Feb. 2021. [https://bit.ly/3d8Mcza]
- 25. Kadam Vivek, Surendra Bhosale, "A Modified Method for Beam-Forming using Covariance Matrix in MIMO Radar System" International Conference on Engineering Science and Technology (IConEST) on October 21-24, 2021 in Chicago, USA
- 26. Patil Rajesh, Surendra Bhosale. "Medical Image Denoising Techniques: A review" International Conference on Engineering, Science and Technology (IConEST) on October 21-24, 2021 in Chicago, USA
- 27. Salunkhe Shamal, Surendra Bhosale, "Feature Extraction Based Image Steganalysis Using Deep Learning", International conference on Innovative Development and Engineering Applications (IDEA), Published in WEENTECH Proceedings in Energy, volume 7 (Issue-1) 469-480, 8-10 Feb. 2021. [https://bit.ly/3oahDQ5]
- 28. Salunkhe Shamal, Surendra Bhosale. "Nature Inspired Algorithm for Pixel Location Optimization in Video Steganography Using Deep RNN" International Conference on Engineering Science and Technology (IConEST) on October 21-24, 2021 in Chicago, USA

#### **Publications: National Conferences**

1. **Surendra Bhosale**, Nimesh Bhimrav," MPLS Based Recovery Mechanisms ", National Conference on Digital Information Management, TSEC, Mumbai, NCDIM'07-March 23-24, 2007. [http://surl.li/aubmp]

- Surendra Bhosale, Pankaj Tasgaonkar," Dynamic Allocation TDMA MAC Protocol for Wireless ATM Network, National Conference on Digital Information Management, TSEC ,Mumbai, NCDIM'07-March 23-24,2007. [http://surl.li/aubow]
- Surendra Bhosale, Pankaj Tasgaonkar," A VBR SLOT Allocation Algorithm For Wireless ATM", National Conference on Intelligent systems at Hyderabad, NCIS-2007, August 24-25, 2007. [http://surl.li/aubdt]
- 4. **Surendra Bhosale**, Seelam Rajireddy," FMT: An Efficient Technique for Very High speed Digital Subscriber", National Conference on Wired and Wireless Communication (IEEE Bombay Section), NCC-2008, March13-14, 2008, pp 51-56. [http://surl.li/aubpt]
- 5. **Surendra Bhosale**, Seelam Rajireddy," ZIGBEE TECHNOLOGY ", National Conference at P.E.S College of Engg. Aurangabad, TECTRIX-2K7 October 18-19, 2007.

### [http://surl.li/aubqa]

- Surendra Bhosale, Isha Qureshi, Nitin Kolambikar, "Next Generation Mobility Control & Quality of Service Monitoring", National Conference on Emerging Trends in Information Communication Technologies, NCETICT-2009, pp 134-136, April 19,2009. [http://surl.li/aubqg]
- 7. **Surendra Bhosale,** Ankur Ganokar, "Implementation of GSM Based Home Appliance Interactive Control", National Conference on Innovative Trends for Technology Developments, TECHNOCON2012 pp 126,January 6,7,2012. [http://surl.li/aubqj]
- 8. **Surendra Bhosale**, Gajanan Rawalkar," Survey on Wireless Security", Fourth National Level Students Technical Symposium B.C.Y.R.C Umrer, Nagpur, ASCENT-2012, February 21, 2012.
- Surendra Bhosale, Kiran Salunkhe, Gajanan Rawalkar, "Study of WSN Lifetime & techniques to prolong WSN Lifetime", National Conference on Nanotechnology, Communication & Pattern Recognition, Sinhgad, Pune-48, NCONCPR-2012, March 16-18, 2012. [http://surl.li/aubqp]
- 10.Salunkhe Shamal, and **Surendra Bhosale.** "Image Steganography with DCT and Image Steganalysis using CNN technique." In National conference on Mathematics and it's Applications in Technology. 2020. [http://surl.li/aubqw]
- 11. Deore Bhushan, and **Surendra Bhosale**. "Recurrent Neural Network mathematical model for Network Security." In National conference on Mathematics and it's Applications in Technology. 2020.[http://surl.li/aubrd]

12. Kadam, Vivek, and **Surendra Bhosale.** "Mathematical Model of MIMO Radar for its optimal Performance." In National conference on Mathematics and it's Applications in Technology. 2020. [http://surl.li/aubrh]

### **Dissertation of Post Graduate Students Guided:**

Sr no	Name and details of PG Student	Dissertation topic	Year
1.	Hitesh Dongarwar, (M.E.Electrical Control System)	"Stream Cipher generation of Random Sequence"	2006
2.	Nimeshkumar Bhimra, M.Tech EXTC	"MultiProtocol Label Switching (MPLS) Based Recovery Mechanism",	2007
3	Pankaj Tasgaonkar, M.Tech EXTC,	"MAC Protocol for Wireless ATM",	2007
4.	Shankar Navale, M.Tech Extc	"Design of Microwave Inter digital Waveguide Filter for S band Frequency",	2008
5	Seelam Rajireddy, M.Tech EC	"Effective Modulation Schemes for VDSL",	2008.
6.	Rahul Yadav, M.Tech Extc	"Design and Simulation of soft PBX (IP) using Asterisk (*)"	2008.
7.	Nitin Kolambikar, M.Tech, EC	"Mobility Control & Quality of Service Monitoring"	2009
8.	Suhas Waghmare, M.Tech EC	"Attacking Keeloq Block cipher using Minisat	2011
9.	Aditya Parab, M.Tech EC	"Algebraic Cryptanalysis of Bivium stream cipher",	2011
10.	Pankaj Nikose, M.Tech Extc	"Cryptanalysis of Grain cipher	2011
11	Jatin Desai, M.Tech EC	"Design of Suspect Detection System Using MATLAB Platform	2011
12.	Ankur Ganokar, M.Tech Extc	"Implementation of GSM Based Home Appliances Interactive Control	2012
13	Kiran Salunkhe, M.Tech EC	"Implementation and Performance Evaluation of ADHOC Routing Protocol using NS-2	2012
14	Gajanan Rawalkar, M.Tech EC	"Wireless Sensor Network Performance Analysis to Enhance WSN Lifetime	2012
15	Nishant Kukreja, M.Tech Extc	"Implementation of an IP Multimedia subsystem (IMS) Test bed server"	2012
16	Amol Kavitkar, M.Tech Extc	"Development and Adaption of Session Protocol Architecture and QoS Analysis of IP Multimedia Subsystem".	2012
17	Sandeep Ghemire (M.Tech .Electrical Control System)	Self-Phase Modulation in Optical Communication System	2018
18	Abhishek Chatur (M.Tech .Electrical Control	Four-Wave Mixing in Optical Communication System	2018

	System)		
19	Ashish Pandey	Cross Phase Modulation in Optical	2018
17	(M.Tech .Electrical Control	Communication	2010
	System)	Communication	
20.	Sayali Shinde,	"Automated Testing of Digital Stethoscope"	
20.	M.Tech EC	rationated resting of Digital Stellioscope	2019
21.	Pranali Shirsath, (M.Tech	"Cell phone tower radiation effects on human	2019
	Control System)	& environments"	2019
22.	Roshni Borse (M.Tech	"Predictive maintenance in gas turbines of	2019
,	Control System)	3MW"	2017
23.	Pawan Sable,	"Security Authentication in wireless sensor	2019
	M.Tech Extc	network"	
24	Kunal Kadam,	"FPGA based processor for feature detection	2019
	M.Tech EC	of UWB Radar"	2017
25.	Kauresh Loke,	"Fertilizer contents detection using near	2019
	M.Tech Extc	infrared"	
26.	Sushma Dhawane,	"Health risks associated with cell phone"	2019
	(M.Tech.Electrical Control	1	
	System)		
27	Imran Tamboli, M.Tech	"Energy Audit"	2019
	Power System	87	
28	Ajinkya Metange, M.Tech	"Portable multichannel strain recorder	2020
	EC.	system"	
29	Akash Waghmare, M.Tech	"Electric Vehicle fast charging station"	2020
	Power System		
30	Deeksha Tamgadge M.Tech	"Electricity price forecasting in NORD Pool	2020
	Power System	Market"	
31	Rohan Halnor,	"Smart Energy Meter",	2020
	M.Tech Control system		
32.	Supriya Getage, M.Tech	"Designing of Wireless broadband and	2020
	Extc	communication system,	
33	Pratikshya Makode, M.Tech	"Power Theft Detection for Distributed	2020
	Power System,	Network"	
34	Clarice Almeida, M.Tech	"Electricity load forecasting using ANN"	2020
	Power System,		
35	Shreya Dubey	"Computational optimization of energy	2020
	M.Tech Power System,	Management in smart grid system"	
36.	Aishwarya Dhalagade,	"Image Annotation with Voice Assistive	2021
	M.Tech Control System	Vision using Deep learning"	
37	Soumya Pandey, M.Tech	"12-Lead ECG Analysis using Neural	2021
	Control System	Network."	
38.	Archana Chavan, M.Tech	"A Predictive Analysis on Traffic Control for	2021
	Control System	Light Weight Vehicles using Machine	
		Learning."	
39.	Dhanshree More,	"Security and privacy of data in cloud	2021
	M.Tech EC	computing using multifactor biometric	
		authentication."	
40.	Karuna Bhalerao,	"A Robust Feature Extraction Using	2021
	M.Tech EC	Convolution Neural Network For Accurate	

		Brain Tumour Segmentation"	
41	Suraj Malegaonkar, M.Tech	"Identification of voice and Image Processing	
	Power System	using Neural Networks."	
42	Rajas Taral,	"Modeling of Anti-Lock Braking System of	2021
	M.Tech Power System	Electric Vehicle (E-Vehicle)"	
43	Anil Maher,	."Design of High-Power EPC for GaN Based	2021
	M.Tech Power System	Solid State Power Amplifier."	

## **Coursera certification:**

Sr No	Title Of Course	Foreign University	Duration Weeks	Date Of Joining/ completion/certificate
1	Mind Control: Managing Your Mental Health During COVID-19	University of Toronto	4	19/06/2020 22/06/2020 [https://bit.ly/3HXZmxm]
2	COVID-19 Contact Tracing	Johns Hopkins University	2	22/06/2020 24/06/2020 [https://bit.ly/3I1bopt]
3	Buddhism and Modern Psychology	Princeton University, New Jersey, USA	6	22/06/2020 18/07/2020
4.	IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	Yonsei University School of Electrical & Electronic Engineering	6	04/07/2020 31/07/2020 [https://bit.ly/3xuGKjm]
5	AI For Everyone	Adjunct Professor, Stanford University;	4	30/07/2020 [https://bit.ly/2Zu1DPp]
6	Measuring and Maximizing Impact of COVID-19 Contact Tracing	Johns Hopkins	1	01/08/2020 04/08/2020 [https://bit.ly/3E0HCPd]
7	Python for Everyone	UNIVERSITY OF MICHIGAN	7	31/07/2020 22/08/2020 [https://bit.ly/3cS9Z6e]
8.	Communication theory: bridging academia and practice	National Research University Higher School of Economics ,	9	29/08/2020 11/09/2020 [https://bit.ly/3p8bzqm]

# FDP/STTP Trainings/Workshops/Short Courses & Courses Attended (136 Nos)

Sr	Title	Venue	Period
1.	"VLSI Technology systems and	University of Roorkee	17.06.91 to 2.07.91.
2.	their application", ,  "Advanced Mathematics for Electrical Engineering"	QIP IIT Bombay	6th to 18th June,1993,
3.	"Emerging Trends and Techniques in Radar systems"	ISTE-CASET Hyderabad,	Aug.30-Sept.2, 1995
4.	"Total Quality Management"	ISTE-VJTI Chapter	3rd to 28 <sup>th</sup> June 1996
5.	"Railway Signaling and communication System"	K J Somaiya Mumbai,	10th April, 2002,
6.	"Internet Technology",	QIP -VJTI	2.12.2002 to 28.12.2002,
7.	"Ecommerce and Industrial Finance"	QIP-VJTI	14.11.2003 to 12.12.2003.
8.	"Mechatronics"	VESIT Mumbai,	27th & 28th Aug. 2004.
9.	"Data compression and Encryption ",	Fr COE, Vashi,	24th & 25th Sep. 2004
10.	"Design and Estimation of Electrical systems",	Fr.COE, Vashi,	25th & 26th Sep. 2005.
11	"Object oriented Analysis and Design using the UML	IBM,	28th & 29th March. 2005.
12.	"Latest trends in communication Networks and security system",	SIGCE, Navi Mumbai	9th March, 2006.
13.	"Wireless Networks"	CEP -IIT Bombay	27th & 28th Nov. 2006.
14.	"Staff development Programme	NITT Bhopal	19th to 21st April 2007.
15.	"Advances in control Theory",	TEQIP-CEP VJTI,	4th & 5th Oct. 2007.
16	"Antenna and EM wave Propagation	",Fr CRC Bandra	15th & 16th Feb. 2008.
17.	"Personal Effectiveness for institutional Development.	TEQIP DTE- IIPM Pune	Dec 15-18,2008
18	"Build People to Build the Institute"	Life Skill Academy& VJTI,	30th Jan. to 21st March 2009.
19	"Fiber Optic Communication"	CEP-I.I.T. Bombay	Jan-Apr 2008.
20	"Radiating Systems "	CEP-I.I.T. Bombay	July-Nov 2008
21	"Computer Communication Networks"	CEP-I.I.T. Bombay,	Jan-Apr 2009.
22	"RF Circuits and Systems Design"	University of Surrey, Guildford, U.K	July 06-10,2009
23	"Bridging the Gap between	Advanced Micronics	14th Feb. 2011.

	Industry and Technical	and Global Devices	
	Educational Institute using	Technologies at Hotel	
	Design Automation s/w	Taj Mumbai,	
24	"Cell phone /Toner radiation	IIT Bombay,	20th Nov.2011.
	Hazards and solutions		
25	"MIS Training Workshop"-	TEQIP II by NPIU at	April 18&19, 2012
		ICT MUMBAI	
26	"Introduction to Research	I.I.T. Bombay, at	Jun 25 -Jul 04, 2012
	Methodologies".	REMOTE CENTER	
		VJTI,	
27	"e FMR Workshop"	TEQIP II by NPIU at	Jun 10, 2013
		COE, PUNE,	
28.	"PMSS Workshop	TEQIP II by NPIU at	Jun 13, 2013
		COE, PUNE	
29.	"Industry Academia	NPIU at COE, PUNE,	Jun 14, 2013
	Collaboration Workshop		
30	"MIS Training Workshop	TEQIP II by NPIU at	OCT 9&10, 2013.
21	HTD NI . 12 D	ICT MUMBAI,	N 11 17 2012
31	"IP Networking Protocols and	3 .	Nov 11-15, 2013.
22	Technologies",	Guildford, U.K	14 1 10 1 12 2014
32.	"MIS Training Workshop"	TEQIP II by NPIU at	March 10 to 13, 2014
22	T. C .: 1 1 1: 1	VJTI MUMBAI,	M 00 12 2016
33	Transformation leadership and	1	May 09-13, 2016
24	Change Management	Jaipur CCD COE Visco	March 22 24 2019
34	Cryptology and Cyber Security	GCP COE Vizag	March 22-24,2018
35	Internet of Things (IOT)	Scientech Technologies	25 <sup>th</sup> to 30thJune, 2018
	internet of Timigs (101)	Pvt Ltd, Indore	25 to 50th the, 2010
36	Control of Queues and Other	· · · · · · · · · · · · · · · · · · ·	Dec 10-14 2018
	Networked Systems	iii iiiiiigp	200 10 1 1 2010
37	Pedagogical Techniques in	Walchand College Of	10 <sup>th</sup> to 14 <sup>th</sup> August 2020
	Electronics and Electrical	Engineering, Sangli	
	Engineering		
38	"Artificial Intelligence and	IIT Indore from.	21/12/2020 to 30/12/2020
	Machine Learning"		
Facu	ilty Development Program/STTP	Attended online	
39	SCILAB under Spoken	D J SANGAVI COE, Vile	FDP
	_ = ===================================	Parle in association with	Certification
		Spoken Tutorial IIT,	[https://bit.ly/317Pqjy]
4.0		Bombay.	EDD
40		ATS, Sanjay Bhokare	FDP
	<u>*</u>	Group Of Institutes,	Certification
		Faculty Of Polytechnic,	[https://bit.ly/3o57Yud]
		Miraj, approved by	
A 1		MSBTE, MUMBAI.	EDD
41	1 3	Sharad Institute of	FDP Contification
		Technology, Polytechnic,	Certification

		T	I
		Yadrav in association with	[https://bit.ly/3cRmrDB]
		Spoken Tutorial IIT	
		Bombay	
42	Exploring the Dimensions of	Hope Foundation's	FDP
	Innovation, Incubation and	Finolex Academy of	Certification
	Emerging Technologies to	Management &	[https://bit.ly/313IN2h]
	Embrace Post COVID Changes	Technology, Ratnagiri	
43	"SciLab" Organized by EXTC	Amrutvahini Polytechnic,	FDP
43		I	
	Dept.	Sangamner in association	Certification
		with Spoken Tutorial IIT,	[https://bit.ly/3I8xpTA]
		Bombay	
44	'Improving Teaching Learning	Shri Vile Parle Kelavani	FDP
	Experience using Best	Mandal's Dwarkadas J.	Certification
	Practices'	Sanghvi College of	[https://bit.ly/3cRnzqP]
		Engineering	
45	"Personality Development	Sanjay Bhokare Group of	STTP
	With Yoga"	Institutes, Faculty of	Certification
	William 10ga	Polytechnic, Miraj.	[https://bit.ly/3FT2FDW]
46	"Security Issues and Role of	Department of Electronics	FDP
40	•		Certification
	Cryptography in	and Communication,	
	Communication"	UMIT, SNDTWU,	[https://bit.ly/3rfa6Bu]
		Mumbai	
47	"ADVANCED MATERIALS	Kakatiya Institute of	FDP
	AND MANUFACTURING"	Technology and Science,	Certification
		Warangal, Telangana	[https://bit.ly/3nXX1dE]
48.	"Environmental Sustainability	GOVINDRAO WANJARI	FDP
	& Green	COE (GWCET), Nagpur	Certification
	Energy"	, , , ,	[https://bit.ly/3HVwrKf]
49	RECENT TRENDS IN DATA	THEEM COLLEGE OF	FDP
.,	SCIENCE	ENGINEERING	Certification
	SCILITEL	VASAI	[https://bit.ly/3E1s4uF
50	"Recent Trends in Computer	Rajeev Gandhi Memorial	FDP
30	<u> </u>	3	Certification
	Science"	COE, Nandyal, Kurnool	
		(Dist), Andhra Pradesh,	[https://bit.ly/3CXvgGt]
	(2)	India.	TED D
51	"Nanomaterial Synthesis,	HINDUSTHAN COE	FDP
	Process, Characterization and	COIMBATORE 641 032	Certification
	its Functional Applications"		[https://bit.ly/3CVBdU7]
52	Importance of Nondestructive	Rajarambapu Institute of	FDP
	Testing (NDT) Training and	Technology (RIT)	Certification
	Certification in Real Industry.	Rajaramnagar	
53	Hands-on FDP	Dayananda Sagar College	FDP
	on "Data Analytics and	of Engineering, Bangalore	Certification
	Machine Learning	- 560 078.	[https://bit.ly/3xri5fT]
54	Moodle Learning Management	Ashokrao Mane	FDP
J <del>+</del>			Certification
	System (LMS)	Polytechnic, Vathar tarf	
	D. I	Vadgaon.	[https://bit.ly/3DUbRr8]
55	Development in Concrete	SRM Institute of Science	FDP
	Construction	& Technology,	Certification

		Ramapuram, Chennai.	[https://bit.ly/3p8zOF5]
56	"Advances in Thermal Science	Kamapuram, Chemiar.  Kongunadu College of	FDP
30	Advances in Thermal Science		
		Engineering and	Certification
		Technology Trichy,	[https://bit.ly/3cTNazh]
		Tamilnadu-621215.	777
57	Pedagogical Techniques in	Walchand College of	FDP
	Electronics and Electrical	Engineering, Vishrambag,	Certification
	Engineering	SANGLI - 416415 (M.S.)	[https://bit.ly/3DXnjT2]
Web	inar Courses attended online		
58	WEBINAR AI XPERT	STAR CERTIFICATION	Star certificate [https://bit.ly/2ZyYTQQ]
59	EXCEL & ADVANCED	ALARD COLLEGE OF	Certification
	EXCEL &	ENGINEERING &	[https://bit.ly/30YCmO9]
	SOFT SKILLS"	MANAGEMENT	
60	Mastering machine learning-	Tamilnadu College of	Certification
	Introductory Guide with	Engineering	[https://bit.ly/3p8Kd3k]
	MATLAB		
61	Applying convolution neural	Kalasalingham Institute of	Certification
	network- Deep learning	Technology	[https://bit.ly/3E3xmG3]
62	Smart Vehicle - IoT Enabled	Tagore Engineering	Certification
	Vehicular Communication	College, Chennai	[https://bit.ly/3188EWB]
		_	
63	BUILD YOUR OWN	MLR Institute of	Certification
	REGRESSION MODEL IN	Technology, Hyderabad in	[https://bit.ly/3ldooPh]
	MACHINE LEARNING	association with Pantech	
		e-learning	
64	Gesture Recognition	Vardhaman college of	Certification
		engineering, Hyderabad	[https://bit.ly/32xhJbX]
65	Underwater Communication	SKN SINHGAD	Certification
	System	INSTITUTE OF	[https://bit.ly/3CWhDY8
		TECHNOLOGY &	]
		SCIENCE	
66	Python Programming &	ETHIRAJ COLLEGE	Certification
	Industrial applications	FOR WOMEN, CHENNAI	[https://bit.ly/3cRUQ51]
67	ROBOTIC PROCESS	SRIDEVI WOMEN'S	Certification
	AUTOMATION	ENGINEERING	[https://bit.ly/3lcSVN3]
		COLLEGE	
		HYDERABAD	
68	COGNITIVE RADIO	GANADIPATHY	Certification
	NETWORKS	TULSI'S JAIN	[https://bit.ly/3E0TOj1]
		ENGINEERING	
		COLLEGE ,VELLORE	
69	CLOCK DOMAIN	MAHATMA GANDHI	Certification
	CROSSING TECHQUES &	INSTITUTE OF	[https://bit.ly/3Ee1tuJ]
	CLOCK GATING DESIGN	TECHNOLOGY,	[
	(VLSI)	HYDERBAD	
70	CLOUD COMPUTING	ETHIRAJ WOMEN	Certification
, ,	CLOOD COM OTHIO		

		COLLEGE,CHENNAI	[https://bit.ly/318dL8U]
71	COMMUNICATION	KGISL INSTITUTE OF	Certification
	SYSTEM FOR 5G	TECHNOLOGY	[https://bit.ly/3xHi9s5]
	APPLICATIONS	COIMBATORE	
72	AI USING PYTHON	VISHWAKARMA	Certification
		INSTITUTE OF IT,	[https://bit.ly/3157J9C]
		PUNE	
73	SENTIMENTAL	SRIDEVI'S WOMEN	Certification
	ANALYSIS USING RNN	ENGINEERING	[https://bit.ly/3cQsRTr]
		COLLEGE,	
		HYDERABAD	
74	SMART GRIDS	CRESCENT INSTITUTE	Certification
		OF SCIENCE &	[https://bit.ly/3p84t5g]
		TECHNOLOGY,	[market market property of the state of the
		CHENNAI	
75.	LABVIEW	KARPAGAM COLLEGE	Certification
,		OF ENGINEERING,	[https://bit.ly/3FQyTj7]
		COIBATORE	
76.	MODEL DESIGN OF	JEPPIAAR COLLEGE OF	Certification
, 0.	SOLAR ENERGY USING	ENGINEERING,	[https://bit.ly/3E3zldt]
	MATLAB	CHENNAI,	
77	MATLAB IN	MLR INSTITUTE OF	Certification
, ,	COMMUNICATION	TECHNOLOGY,	[https://bit.ly/3xv0wvl]
	APPLICATIONS	HYDERABAD	
78.	A PRACTICAL APPROCH	ANNAI	Certification
, 0.	ON PYTHONE	VEILANKANNI'S	[https://bit.ly/3xHjgrL]
	01/111101/2	GROUP OF	
		EDUCATIONAL	
		INSTITUTES ,CHENNAI	
79	INTERNET OF THINGS	INSTITUTE OF	Certification
	USING RASPBERRY PI	ENGINEERING &	[https://bit.ly/3lf8T9h]
		TECHNOLOGY	
80	TRENDS AND	CHAITYANYA	Certification
	CHALLEGES IN THE	BHARATHI INSTITUTE	[https://bit.ly/3lgyDSL]
	PROGERSS OF E-	OF TECHNOLOGY,	
	MOBILITY IN INDIA	HYDERABAD	
81	MACHINE LEARNING	ACADEMY OF	Certification
J.	PREDICTIVE ANALYSIS	MARITIME	[https://bit.ly/2Zs4w32]
		EDUCATION &	
		TRAINING, CHENNAI	
82	Webinar on "5S	Bosch   Webinar Series	Certification
J <b>-</b>	Methodology for Lean	LLAGT	[https://bit.ly/3p7eKPi]
	Manufacturing"		[
83	Webinar on "Motivation - It's	Hosted by Sandip	Certification
0.5	Right Inside You"	Foundation's SITRC,	[https://bit.ly/3rtVfmX]
		Nashik -Mechanical Engg.	[
		Dept.	
84	OBJECT DETECTION	RAJU INSTITUTE OF	Certification
0.	USING DEEP LEARNING	TECHNOLOGY,	[https://bit.ly/3rtVwpZ]
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85	How to Write and Publish	K.E. Society's	Certification
	Research & Conference	Rajarambapu Institute Of	[https://bit.ly/3xBPch6]
	papers effectively and	Technology Rajaramnagar,	
	efficiently using TYPESET	Islampur, Dist. Sangli,	
	Research Studio	Maharashtra.	
86	Power Electronics Simulation	DMI College of	Certification
	using Lab ViEW	Engineering, CHENNAI	[https://bit.ly/3riLisa]
87	ML Based Prediction	GKM College of	Certification
	Analysis of COVID Dataset	Engineering	[https://bit.ly/3nXWp7L]
88	"IoT - The Massive Demand	Samarth College of	Certification
	Coming"	Engineering, Belhe, Pune.	[https://bit.ly/3HVOu2R]
	-		
89	Electric Vehicle	VR Siddhartha	Certification
		Engineering College.	[https://bit.ly/32DzIOa]
90	ML based Healthcare	Guntur Engineering	Certification
		College, Guntur,	[https://bit.ly/3laF8GU]
91	Applications of Satellite	Meenakshi College of	Certification
	Imagery and Remote Sensing	Engineering, Chennai,	[https://bit.ly/3ldWsL1]
	Data using MATLAB		
92	Webinar on Cyber Security -	Jeppiar Engineering	Certification
	Foundations & Practices	College, Chennai,	[https://bit.ly/3xs7wJt]
93	Wireless Communication	Mother Theresa Institute	Certification
	using MATLAB	of Engineering and	[https://bit.ly/3p8UYTx]
		Technology, Chittoor	
94	DESIGN OF BRAIN	Dr B R AMBEDKAR	Certification
74	CONTROL	NIT, JALANDHER,	[https://bit.ly/3FWCigB]
	APPLICATIONS	Titt, 37 th middlen,	[https://bit.iy/51 weigb]
95	MACHINE LEARNING	HINDUSTANIOT	Certification
	FOR COMPUTER VISION	COIMBATOOR,	[https://bit.ly/32xkKJj]
	INDUSTRIAL	CONTENT COIL,	
	APPLICATIONS		
96	ARTIFICIAL	BHARAT INSTITUTE	Certification
	INTELLIGENCE	OF TECHNOLOGY,	[https://bit.ly/3cWFOLr]
		HYDERABAD,	
97	BRAIN CONTROL ROBOT	AIMSS INSTITUTE OF	Certification
		INFORMATION	[https://bit.ly/3E1SaxD]
		TECHNOLOGY, PUNE	
98	DESIGN OF INTELLIGENT	VELLAMAL COLLEGE	Certification
	CHATBOTS ML	OF	[https://bit.ly/314cf8c]
	APPROACH	ENGINEERING,CHENN	
		AI,	
99	Webinar on Antenna Design	Easwari Engineering	Certification
	using HFSS	College	[https://bit.ly/3DTHWiR]
100	CONNECTED PRODUCTS-	SRI CHANDRA	Certification
	NEXT GENERATION IOT	SEKHARANDRA	[https://bit.ly/3rkn6pz]
		SARASWATI VISWA	

		MAHILA-VIDHYALAY	
101	SOCIAL NETWORK	Pantech e-learning	Certification
	ANALYSIS		[https://bit.ly/3FJzkMi]
102	DATA SCIENCE-FUTURE	C, ABDUL HAKIN COE	Certification
102	ERA OF DATA INSIGHT	VELLORE (CAHCET)	[https://bit.ly/3FWmFW
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104	LATEST TRENDS IN	SRIDEVI'S WOMEN	Certification
10.	GREEN ENERGY	ENGINEERING	[https://bit.ly/3rfEoUr]
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117		Technology, Rajaramnagar	[https://bit.ly/3nYotIe]
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116	"Industrial Automation and	Organized by Kalsekar	Certification
	Robotics"	Technical Campus, New	[https://bit.ly/314e1WU]
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117	"Embedded System and IoT"	City Engineering College,	Certification
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118	Mat lab Interfacing with	Kumaraguru College of	Certification
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119	Renewable Energy using	PES College of	Certification
	MATLAB	Engineering Aurangabad	[https://bit.ly/3p4fULs]
120	Build your own machine	Bharat Institute of	Certification
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Sr	Title Of Course	Institute	Remarks
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	Buddha	Dr. Babasaheb Ambedkar	
		Mahavidyalaya Amravati	
3	C Programming Quiz.	GHARDA INSTITUTE OF	SCORE 100%
		TECHNOLOGY,RATNAGI	
		RI	
4	Object Oriented	SIPNA College of	SCORE 100%
	Programming"Quiz-2020	Engineering & Technology,	
		Amravati, Maharashtra.	
5	Certificate for Awareness	PACE Institute of	SCORE 95%
	of NBA	Technology & Science,	
	NAAGA O.	Kakinada.	SCORE 000/
6	NAAC Awareness Quiz - 2020	AISSMS, Institute of	SCORE 90%
7		Technology, Pune	SCORE 90%
/	Online Quiz Project Management	AISSMS College of Engineering, Pune	SCORE 90%
8	World	Rajashri Shahu Maharaj	SCORE 96%
0	Telecommunication Day.	Polytechnic, Pune	SCORE 90%
9	Awareness Program on	RD's Shri Chhatrapati	SCORE 92%
	Intellectual Property	Shivajiraje College of	SCORE 7270
	Rights	Engineering, Dhangawadi,	
		Pune	
10	Construction	AISSMS College of	SCORE 100%
	Management	Engineering, Pune	
11	IoT Awareness Quiz	Marathwada Mitramandal's	SCORE 96%
		Institute of Technology	
		(MMIT), Lohgaon, Pune -	
10	II' 1' 1' 0'	47.	SCORE 1000/
12	Hindi on line Quiz	Loknayak Bapuji Aney	SCORE 100%
		Mahila Mahavidhyalay	
13	Fundamentals of	LBAMM, Yavatmal Computer Society of India,	SCORE 100%
13	Computer Science	Computer Engineering	SCORE 100%
	Computer Science	Department in association	
		with VIVA Institute of	
		Technology	
14	Online English Grammar	SPM Polytechnic, Kumathe,	SCORE 80%
	Quiz	Solapur	[https://bit.ly/3E0QLHA]
15	DHYAN SARITA	ZP SCHOOL	SCORE 100%
	PRASHNA MANJUSHA	KARANVANJ,NASHIK	[https://bit.ly/3FTXDXM]
	11		
16	Engineering Graphics	TPCT's CoE Osmanabad and	SCORE 100%

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37	Maintenance of Electrical	M.H. Saboo Siddik	SCORE 70%
	Equipment	Polytechnic, Byculla	[https://bit.ly/3nW6lPa]
38	Electrical Power	M.H. Saboo Siddik	SCORE 64%
	Transmission and	Polytechnic, Byculla	[https://bit.ly/3xrUN9H]
	Distribution		
39	Environmental studies	M.H. Saboo Siddik	SCORE 100%
		Polytechnic, Byculla	[https://bit.ly/3cTUUBu]
40	Mechanical Engineering	M.H. Saboo Siddik	SCORE 96%
	Measurements	Polytechnic, Byculla	[https://bit.ly/3ldEAju]
41	Fundamentals of	K J Somaiya Polytechnic,	SCORE 100%
	Electrical Engineering	Mumbai 77	[https://bit.ly/30Zg0eR]
42	Quiz on Electric Vehicle	TRINITY COE & R ,PUNE	SCORE 95%
		, , , , , , , , , , , , , , , , , , , ,	[https://bit.ly/3DZhcgZ]
43	Research Metrics in	MLR INSTITUTE OF	SCORE 100%
	Scientific Publications"	TECHNOLOGY,	[https://bit.ly/3cQKdj3]
		HYDRABAD	
44	Single Phase Induction	KCT's Late G. N. Sapkal	SCORE 100%
	Motor	college of Engineering,	[https://bit.ly/3rb8UyZ]
		Nashik	
45	Computer network	Shivajirao S.Jondhle	SCORE 100%
1.5		Polytechnic ,Asangaon	[https://bit.ly/314qIkw]
46	Software Engineering	Shivajirao S.Jondhle	SCORE 100%
	Software Engineering	Polytechnic ,Asangaon	[https://bit.ly/3nZW3xH]
47	Python programming	Shivajirao S.Jondhle	SCORE 100%
'/	1 ymon programming	Polytechnic ,Asangaon	[https://bit.ly/3FRLbYO]
48	Mobile application	Shivajirao S.Jondhle	SCORE 100%
10	Development Android	Polytechnic ,Asangaon	[https://bit.ly/3HWlPdX]
	Development / maroid		
49	JAVA Programming	Shivajirao S.Jondhle	SCORE 90%
		Polytechnic ,Asangaon	[https://bit.ly/3cWpydb]
50	Tot Vers Verselates	CHDIVILE DADIE	SCORE 1000/
50	Test Your Knowledge in	SHRI VILE PARLE	SCORE 100%
	Civil Engineering	KELAVANI MANDAL'S	[https://bit.ly/3FWB19l]
		SHRI BHAGUBHAI MAFATLAL	
<b>E</b> 1	Introduction to	POLYTECHNIC Sinhand Academy of	SCORE 1000/
51	Introduction to	Sinhgad Academy of	SCORE 100%
	Information & Communication	Engineering, Kondhwa (Bk),	[https://bit.ly/3E1qfOf]
		Pune.	
50	Technology Tools	DVDD College of	SCORE 1000/
52	National Level Quiz on	P.V.P.P. College of	SCORE 100%
	NBA	Engineering, Mumbai-22.	[https://bit.ly/3FQo4h8]
F2	Ovin on CAD/CAM		SCORE 060/
53	Quiz on CAD/CAM	SRCOE, Pune	SCORE 96%
- A	El / LD	D : D : 1 C 11 C	[https://bit.ly/3cWFz34]
54	Electrical Power	Pravin Patil College of	SCORE 100%
	Transmission &	Diploma Engineering &	[https://bit.ly/3p6B0J1]
	Distribution	Technology, Bhayandar	

55	Internat of Things	MET's Dhyihal Vnaydadaa	SCORE 600/
55.	Internet of Things	MET's Bhujbal Knowledge	SCORE 60%
		City, Institute of	[https://bit.ly/3p7HcAl]
		Engineering, Nashik-03	
56	"Communication	Shriram Institute of	SCORE 100%
	Technology"	Engineering & Technology	[https://bit.ly/3cSevSn]
		(Polytechnic), Paniv	
57	"Electromagnetics"	Vivekananda Education	SCORE 96%
		Society's Institute	[https://bit.ly/3I1YOpW]
		of Technology, Mumbai	
58	Communication	GMR Institute of	SCORE 80%
	Systems	Technology, Kakinada.	[https://bit.ly/3nZYyA5]
59	Digital Communication	GMR Institute of	SCORE 84%
	Systems	Technology, Kakinada.	[https://bit.ly/3DYTqBP]
60	Basic Electronics	GMR Institute of	SCORE 84%
00	Busic Electronics	Technology, Kakinada.	[https://bit.ly/3ldWItD]
61	"Electrical Machines"	Shree Siddheshwar Women's	SCORE 100%
01	Electrical Machines		[https://bit.ly/3CXMW4L
		College of Engineering,	[Inttps://bit.ly/3CAWIW4L
	"E 1 . 1 CD	Solapur	GCODE 1000/
62	"Fundamentals of Power	Annasaheb Dange College of	SCORE 100%
	System"	Engineering & Technology,	[https://bit.ly/3p5OXH5]
		Ashta, Dist-Sangli	
63.	"Research Quotient"	M H Saboo Siddik College	SCORE 100%
		of Engineering, Mumbai.	[https://bit.ly/3rfNAbG]
64.	Emerging Trends in	ATS's Sanjay Bhokare	SCORE 100%
	Computer and	Group of Institutes, Miraj	[https://bit.ly/3lfqy0z]
	Information Technology		
65.	"Advanced Java	Shriram Institute of	SCORE 100%
	Programming"	Engineering & Technology	[https://bit.ly/3Eb628I]
		(Polytechnic), Paniv.	
66.	State level Skill	NIT Polytechnic, Nagpur	SCORE 93%
	Enhancement	, and an analysis of the state	[https://bit.ly/3DUSC0C]
67	environmental studies	Shri Chhatrapati Sambhaji	Score 88%
07	environmental stadies	Raje Polytechnic	[https://bit.ly/3FYfxJf]
		Dhangawadi,Bhor,Pune.	[https://bit.iy/of fixel]
68	"Analog Electronics"	GMR Institute of	SCORE 96%
00	Analog Licenomics	Technology, Kakinada.	[https://bit.ly/3nX7CW6]
69	Basic Electronics and	JPCAS, Ayikudi, Tenkasi,	SCORE 100%
09			
70	Digital Logic Gates	Tamilnadu.	[https://bit.ly/3HWa3jV]
70	'Wireless	Vivekananda Education	SCORE 84%
	Communication'	Society's Institute	[https://bit.ly/3lgHQdX]
		of Technology, Mumbai	
71	"Electromagnetic Fields	GMR Institute of	SCORE 96%
	and Waves"	Technology, Kakinada.	[https://bit.ly/3p8MA6k]
72	"Digital Electronics"	GMR Institute of	SCORE 88%
		Technology, Kakinada.	[https://bit.ly/3nX7s15]
73	"Basic Electrical	Karma veer Bhaurao Patil	SCORE 100%
	Engineering Quiz 2020"	Polytechnic, Satara	[https://bit.ly/3p8MKdW]
74	Aptitude Test	Shriman Bhausaheb Institute	SCORE 100%
	r	of Polytechnic, Puri	[https://bit.ly/3FWUsyN]
	1		[ [ L

75	'Digital	Vivekananda Education	SCORE 100%
,,,	Communication'	Society's Institute	[https://bit.ly/3cVzVhy]
		of Technology, Mumbai	
76	"Computer	Prof Ram Meghe College of	SCORE 100%
/ 0	Fundamental"	Engineering & Management,	[https://bit.ly/3cRA8Ck]
	Tundamentar	Badnera - Amravati (MS)	[https://bit.iy/settrioek]
77	"Computer Network"	JSPM's & SBERCT's	SCORE 100%
''	Computer Network	Bhagwant Institute of	[https://bit.ly/3nVYFfM]
		Technology, Barshi.	
78	"World Environment	National Service Scheme,	SCORE 100%
70	Day"	Trinity College of	[https://bit.ly/3nW5NIZ]
	Buy	Engineering & Research,	
		Pune	
		Tune	
79	Computer Network and	GOVERNMENT	SCORE 100%
	Data Communication	POLYTECHNIC AMBAD	[https://bit.ly/3rdTYjz]
80	Python "	AISSMS Polytechnic, Pune	SCORE 100%
			[https://bit.ly/3DYMggB]
81	CAD/CAM	KAMALA INSTITUTE OF	SCORE 90%
		TECHNOLOGY &	[https://bit.ly/32FvoOn]
		SCIENCE, Karimnagar - 505	[ square square
		468, Telangana, India.	
82	"Theory of Structure"	Government Polytechnic,	SCORE 72%
		Thane.	[https://bit.ly/3HWeV8B]
83	Technical	NIT Polytechnic, Nagpur	SCORE 100%
	Quiz Competition		[https://bit.ly/3xsa7TL]
84	"EVERYDAY	KLE SOCIETY'S SCIENCE	SCORE 100%
	CHEMISTRY"	AND COMMERCE	[https://bit.ly/3cT5acS]
		COLLEGE Kalamboli,Navi	
		Mumba	
85	"BUILDING	Government Polytechnic	SCORE 100%
	CONSTRUCTION	Thane	[https://bit.ly/3rd2DTt]
	MATERIALS"		
86	Civil Engg.	K.J.S.P, Mumbai	SCORE 97%
			[https://bit.ly/32FigJ6]
87	Signals & Systems"	GMR Institute of	SCORE 88%
		Technology, Kakinada.	[https://bit.ly/3Ebi6a0]
88	"Web Development	Thakur college of Science,	SCORE 100%
	tools"	Kandivali, Mumbai	[https://bit.ly/3xHPC5H]
89	Exploring signals	LTCE ,KOPERKHAIRANE	SCORE 83%
			[https://bit.ly/3nXs75f]
90	Auto dock Quiz	www.youtube.com/quicklear	SCORE 100%
		<u>n360</u>	[https://bit.ly/3ldlE4l]
91	Non Traditional	Bharati Vidyapeeth College	SCORE 100%
/1	Machining	of Engineering, Navi	[https://bit.ly/3D32bJE]
		Mumbai.	[
L		manifour.	1

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92	"E-Learning"	P.V.P.P. College of	SCORE 95%
		Engineering, Mumbai-22	[https://bit.ly/30ZsLGQ]
93	"Mobile Application	JSPM's RSCOE IInd Shift	SCORE 100%
	Development"	Polytechnic,	[https://bit.ly/3FS34qf]
		Tathawade,Pune-33	
94	"System	HSBPVT's Parikrama G.O.I.	SCORE 100%
	Programming"	College of Engineering	[https://bit.ly/3nWh3Ff]
		,Kashti, Dist-Ahmednagar	
95	"BUSINESS	ISLAMIHA	SCORE 100%
	MANAGEMENT"	COLLEGE(AUTONOMOU	[https://bit.ly/3CSXZfD]
		S) VANIYAMBADI	
96	"GENERAL	G.NARAYANAMMA	SCORE 100%
	MATHEMATICS	INSTITUTE OF	[https://bit.ly/3p4Ort0]
		TECHNOLOGY &	
		SCIENCE,HYDERABAD	
97	"Engineering	St. Vincent Pallotti College	SCORE 100%
	Mathematics	of Engineering &	[https://bit.ly/3leneTx]
		Technology, Nagpur.	
98	"Women's rights &	Pratibha Institute of Business	SCORE 100%
	welfare scheme"	Management, Pune	[https://bit.ly/2ZzyClq]
99	"Basic Power	V.P.M. Polytechnic Thane	SCORE 100%
	Electronics"		[https://bit.ly/3p7INX6]
100	Energy Literacy- Learn to	Energy Swaraj Foundation,	SCORE 80%
	design your own solar	& A R Kalsekar Polytechnic,	[https://bit.ly/312XYZa]
	home system	New Panvel.	
101	"Awareness of Water	GOVERNMENT	SCORE 100%
	Conservation	POLYTECHNIC,	[https://bit.ly/3pcTDv4]
	Engineering"	AURANGABAD.	
102	"Control system	Priyadarshini Indira Gandhi	SCORE 100%
	Engineering"	College	[https://bit.ly/3FNQ0SE]
		of Engineering, Nagpur	
103	Food Technology	Government Polytechnic,	SCORE 100%
		Malvan	[https://bit.ly/3laPvu8]
104	Information Theory &	AISSMS INSTITUTE OF	SCORE 90%
	Coding Techniques	INFORMATION	[https://bit.ly/3HWRoo7]
		TECHNOLOGY, PUNE	
105	Yoga for good health	Seth Govind Raghunath	
	during COVID-19	Sable College of Pharmacy,	[https://bit.ly/3169kvS]
	Pandemic	Saswad	
106	Awareness of	Deccan Education Society s	SCORE 100%
	International	Navinchandra Mehta	[https://bit.ly/3nXsRqQ]
	Yoga Day "	Institute of Technology and	
		Development, Mumbai	
107	International Yoga	Rajkiya Engineering	SCORE 100%
	Day,	College, Ambedkar Nagar	[https://bit.ly/3DVJDMG]
		U.P., India	
108	"Modern Machining	KAKATIYA INSTITUTE	SCORE 100%
	Processes"	OF TECHNOLOGY &	[https://bit.ly/3FQawlO]
		SCIENCE,WARANGAL-	
		SCIENCE, WARANGAL-	

		506015	
109	TRENDS IN	KJEI's TRINITY	SCORE 100%
	INDUSTRY OF	POLYTECHNIC, PUNE	[https://bit.ly/3cRFE89]
	ELECTRONICS&		
	COMMUNICATION		
110	"Automobile	Bharat Institute of	SCORE 100%
	Engineering	Engineering and	[https://bit.ly/3lcPpSE]
	(Industry Perception)"	Technology, Hyderabad.	
111	"ENGINEERING	Kallam Haranadhareddy	SCORE 85%
	MECHANICS"	Institute of Technology,	[https://bit.ly/3p8iwYI]
		Guntur, Andhra Pradesh,	
		India	
112	Chhatrapati Rajarshi	All India Shri Shivaji	SCORE 100%
	Shahu Maharaj"	Memorial Society's College	[https://bit.ly/3nW0oBY]
		of Engineering,Pune.	
113	"Basic Mechanical	AISSMS, Institute Of	SCORE 95%
	Engineering	Information Technology,	[https://bit.ly/3D0z0Hg]
		Pune	
114	"Indian History"	SHRI SANGAMESHWAR	SCORE 100%
		ARTS, COMMERCE, BCA,	[https://bit.ly/3E1KHif]
		BSW & PG (M.COM &	
		MSW) COLLEGE,	
		CHADCHAN-586205.	
115	"Power Quiz"	S.V. College of Engineering,	SCORE 100%
	~	Tirupathi, Andhra Pradesh	[https://bit.ly/3rfDp6N]
116	PRINCIPAL'S	KRISHNA COLLEGE OF	
	CONCLAVE2020	ENGINEERING MOHAN	[https://bit.ly/3HYJKJI]
		NAGAR ,GHAZIABAD	
117	"LMS and ICT Tools"	Department of Information	SCORE 100%
		Technology Manakula	[https://bit.ly/3nX2mBW]
		Vinayagar Institute of	
		Technology, Puducherry	
118	RESEARCH	Shri Sant Gadge Baba	SCORE 100%
	METHODOLOGY"	College of Engineering and	[https://bit.ly/3p9BwG2]
		Technology, Bhusawal,	
		Maharashtra, India	
119	"ELECTRIC VEHICLE	Shri Sant Gadge Baba	SCORE 100%
	AWARENESS"	College of Engineering and	[https://bit.ly/3127Tia]
		Technology, Bhusawal,	
		Maharashtra, India	
120	Physical Education "	RAJAGOPALPOLYTECHN	SCORE 100%
		IC COLLEGE	[https://bit.ly/3rgj2qb]
		GANDHI NAGAR,	
		GUDIYATHAM. 632 602	
121	Skill Development	V H N SENTHIKUMARA	SCORE 100%
	"General Microbiology"	NADAR COLLEGE,	[https://bit.ly/3cVnhz5]
		VIRUDHUMAGAR	
122	"Fundamentals of	Jain College of Engineering,	SCORE 90%
	Computer Science".	Belagavi	[https://bit.ly/3HX9lTn]

123	Python Quiz for	Department of IT, Rajkiya	SCORE 100%
	Beginners	Engineering College,	[https://bit.ly/32Jm8sJ]
124	T 0 1 1 1 1	Ambedkar Nagar. U.P.	GGODE 1000/
124	E-Quiz on Multiple	St. Joseph's College for	SCORE 100%
105	Integrals	Women	[https://bit.ly/317sPnQ]
125	"TEST	Vivekananda	SCORE 100%
	INCOME TAX KNOWLEDGE"	College, Tiruvedakam West, Madurai	[https://bit.ly/2ZuWNkV]
126	Power Engineering"	RD's Shri Chhatrapati	SCORE 100%
		Shivajiraje College of	[https://bit.ly/3xxfAJ2]
		Engineering,	
107	71	Dhangawadi,Pune-412 206.	GGODE 1000/
127	Electrical Power System	KDK College of Engineering	SCORE 100%
		, Great Nag Road,	[https://bit.ly/3cWICIw]
		Nandanvan, Nagpur,	
128	"Power Electronics	Maharashtra. SANJEEVAN	SCORE 100%
120	Fower Electronics	ENGINEERING &	[https://bit.ly/32yl7mV]
		TECHNOLOGY	[https://bit.iy/32y1/iiiv]
		INSTITUTE, PANHALA	
129	Quiz on Who Am I?	Ramakrishna Mission	SCORE 100%
	( )	Vivekananda College	[https://bit.ly/3lfHrbE]
		(Autonomous), Mylapore,	
		Chennai - 600 004.	
130	"Research	VAAGDEVI DEGREE &	SCORE 100%
	Methodology"	P.G. COLLEGE	[https://bit.ly/3CYYjtc]
		Kishanpura, Hanamkonda.	
		506001.	
131	C Programming Quiz	HKBK College of	SCORE 100%
	Series-Basic Certificate	Engineering, Bengaluru,	
132	C- Programming Quiz	Karnataka 560045	SCORE 100%
132	Series - Intermediate	HKBK College of Engineering, Bengaluru,	[https://bit.ly/3lhBx9R]
	Certificate	Karnataka 560045	[https://bit.iy/3mbx9K]
133	C Programming Quiz	HKBK College of	SCORE 100%
	Series-Advanced	Engineering, Bengaluru,	[https://bit.ly/3lesF51]
	Certificate	Karnataka 560045	[
134	Electrical Engineering	BHAGWAN PURSHURAM	SCORE 100%
		INSTITUTE OF	[https://bit.ly/3FRaRVk]
		TECHNOLOGY, DELHI	
		UNIVERSITY	
135	Thought Bots in E4U	Dr M.G.R. Educational &	SCORE 97%
		Research Institute,	[https://bit.ly/3rayVyq]
		Madhuravoyal, Chennai.	
136	Object	Surya Polytechnic. Udaya	SCORE 100%
	Oriented Programming	Nagar, Azhikkal Post,	[https://bit.ly/3HWQAzv]
	Using C++.	Kanyakumari (Dt), Tamil	
137	Single Phase Motors	Nadu -629202	SCORE 100%
13/	Single Phase Motors	Sinhgad Institute of	SCORE 100%

		Technology Lonavala	[https://bit.ly/3d1vwJL]
138	Program on Embedded	Kings college of Engineering	SCORE 100%
	System	,Punalkulam	[https://bit.ly/3CW26Y9]
139	Electrical Engineering	VIKAS COE, NUNNA, AP	SCORE 100%
			[https://bit.ly/3E4NDKT]
140	Python Quiz For	Rajkiya Engineering	SCORE 100%
	Beginners: 3	College, Ambedkar Nagar,	[https://bit.ly/3xsx496]
1.41	GOVERNMENT 2020	U.P., India-224122	SCORE 1000/
141	COMPETITION 2020	A.V.V.M Sri Pushpam	SCORE 100%
	ON MEDICINAL PLANTs	College (Autonomous) Poondi-613503,	[https://bit.ly/3xsI1Ym]
142	Aptitude Test-3	KLE College of Science &	SCORE 92%
142	Mathematics	Commerce, Kalamboli, Navi	[https://bit.ly/3reEoEl]
	Wathematics	Mumbai	[ittps://bit.iy/51CEGEI]
143	ICT TOOLS IN	Jaymukhi College of	SCORE 100%
	TEACHING	Pharmacy, Warangal,	[https://bit.ly/3DZbOdC]
		Telangana.	
144.	E-Vehicle Technologies	Kumaraguru College of	SCORE 100%
		Technology, Coimbatore -	[https://bit.ly/3p8tFIN]
		641049	
145	Web Technologies &	Nawab Shah Alam Khan	SCORE 75%
	Cyber Security	College of Engineering &	[https://bit.ly/31aPcIV]
		Technology,IEEE Student	
146	WEB TECHNOLOGY	Branch Pune Vidyarthi Griha	SCORE 100%
140	QUIZ	College of Engineering,	[https://bit.ly/3E3AiTg]
	QUIZ	Nashik	[https://bit.iy/SESAi1g]
147	"ADVANCED	SANKAR POLYTECHNIC	SCORE 100%
	MACHINING	COLLEGE, SANKAR	[https://bit.ly/3reEs73]
	PROCESSES"	NAGAR, TIRUNELVELI -	
		627357.	
148	-Bhartiya Sanskriti Mein	Bhartiya Shikshan Mandal,	SCORE 100%
	Guru Ki Mahima,	District Rampur and	[https://bit.ly/316nDA4]
		Moradabad Branch, Meerut	
1.40	"E CHEM OTHE"	Prant (U.P.)	GCODE 1000/
149	" E- CHEM QUIZ"	A.V.V.M. Sri Pushpam	SCORE 100%
		College (Autonomous)	[https://bit.ly/3let4Ez]
		Poondi - 613503, Thanjavur Tamil Nadu, South India	
150	"FOCUS SHORTCUT	Focussed Teachers Team,	SCORE 100%
	KEY	Ramanathapuram, Tamilnadu	[https://bit.ly/3p3IDjr]
151	World's Environment	KLE College of Science &	SCORE 100%
	Day	Commerce, Kalamboli, Navi	[https://bit.ly/3xufMIM]
		Mumbai	
152	"Highlights of National	Guru Nanak College of	SCORE 100%
	Education Policy 2020	Education and Research	[https://bit.ly/3p97Ngu]
		Bhandup, Mumbai-400078	0000010000
153	Power Distribution	Sinhgad Technical Education	SCORE 100%

	System	Society's, Sinhgad Institute	[https://bit.ly/3la8lSf]
		of Technology Lonavala	
154	"India After	Jawahar Navodaya	SCORE 100%
	Independence"	Vidyalaya Papumpare,	[https://bit.ly/3xwpgTK]
		Arunachal Pradesh- 791112	
155	World Organ Donation	MES COLLEGE of Arts,	SCORE 100%
		Commerce and Science	[https://bit.ly/3o6NEbT]
		BENGLURU	
156	Event Techno Quiz.	, Mount Zion College of	SCORE 95%
		Engineering and Technology	[https://bit.ly/3xsgk1X]
157	" Mathematics &	Govt. Shyama Prasad	SCORE 100%
	Mathematician"	Mukherjee College	[https://bit.ly/3E1bxac]
		Sitapur-497111, Surguja,	
		Chhattisgarh, India	
158	" New Educational Policy	Soundarya Institute of	SCORE 100%
	2020"	Management & Science	[https://bit.ly/3rfFMXf]
		Soundarya Nagar,	
		Sidedahalli, Nagasandra	
		Post, Bangalore – 73	
159.	" Manufacturing	Murugappa Polytechnic	SCORE 100%
	Processes	College, Sathyamurthy	[https://bit.ly/3FNuNIC]
		Nagar, Avadi, Chennai, TN	
160	Reciprocating Pumps	SANKAR POLYTECHNIC	SCORE 100%
		COLLEGE SANKAR	[https://bit.ly/3p3iOQB]
		NAGAR, TIRUNELVELI-	
161	Commerce	Government degree	SCORE 100%
		college,Palocha,Bhadradi	[https://bit.ly/3o0z7hS]
		Kothagudem, Telangana	
162	MULTIMEDIA	A.V.C. POLYTECHNIC	SCORE 96%
	SYSTEMS	COLLEGE	[https://bit.ly/3E1bJWY]
		,MAYILADUTHURAI	
163	National Sport day quiz	Teachers Welfare	SCORE 100%
	The state of the s	Committee, Jaunpur.	[https://bit.ly/3FTfiPv]
164	"ICT Tools in Teaching"	Jayamukhi College of	SCORE 100%
		Pharmacy, Narsampet,	[https://bit.ly/3rgLloC]
		Warangal.	[
165	Diys And Natural Tips	Diys And Natural Tips	SCORE 100%
		organizer	[https://bit.ly/3nYTVGs]
166	"Test Your Skills"	Swarnandhra IOT	SCORE 100%
		Seetharampuram, Narsapur	[https://bit.ly/3106pFa]
		AP	
167	"Electrical Substation"	SIT Lonavala.	SCORE 93%
			[https://bit.ly/3CTGg7P]

(Dr SURENDRA BHOSALE)