

## Faculty Profile

Name	Designation	Email ID	Phone Number	Qualification	Experience
D R Solanke	Asst. Professor	<a href="mailto:solankedr@gmail.com">solankedr@gmail.com</a> <a href="mailto:darasinghsolanke@sgbau.ac.in">darasinghsolanke@sgbau.ac.in</a>	7387888873	MSc.NET,SET	19 years

- 1) Name of Teacher : **DARASING RAMRAO SOLANKE**
- 2) Name of Department : **PGTD OF APPLIED ELECTRONICS**
- 3) Subject : **APPLIED ELECTRONICS**
- 4) Designation : **ASSISTANT PROFESSOR**
- 5) Qualification : **M. Sc. (APPLIED ELECTRONICS)**  
**(Additional Qualification: UGC SET, NET)**

- 6) Teaching Experience at University level: **PG Level**  
**Asst. Professor** : From **26<sup>th</sup> MARCH 2003 to TILL DATE**

- 8) Research Experience: **( 11 YEARS)**

**Published 19 Research Papers in National, International Journals and Conferences.**

- (9) Worked as advisor, member committee of University:

- **Co-coordinator FABLAB, SGBAU Amt.**
- **Member of Central Admission Committee**
- **Member of University Alumni Committee**
- **Member (Accommodation and Transport Committee) NCBP 2016**
- **Member of Accommodation & Hospitality Committee) in “NAAC Peer Team Visit”**
- **Committee Member (Debate Competition Committee),NSD**

- **Committee Member (Science and Technology Exhibition),NSD**
- **Committee Member (Certificate & Prize Distribution),NSD**
- **Committee Member (Swaachha Bharat Abhiyan) SGB Amravati**
- **Committee Member (Campus Beautification) SGB Amravati**
- **Committee member (Avishkar Committee) in ‘AVISHKAR-2015’**
- **Committee Member “Start Up India” 2017.**
- **Organizing Committee Member “ NCBP-2018” at SGBAU**
- **Committee Member START UP-2018 Exhibition.**
- **Judge (Oral Research Paper Presentation in NCETS-2019**
- **Judge (Poster Presentation in Recent Trends in Electronics of PG Students) at Brijlal Biyani Science College ,Amravati**
- **Convener ( Poster Competition ),Innovative & Start-Up Ideas for Business & Entrepreneur, SGB University**

(10) Member on Committee for examination of this University.

- **Subject Examination Committee (SGB University) (MSc. Electronics).**
- **Member of Moderation Committee(SGB University) (MSc. Electronics).**
- **Chairmen Paper setting(SGB University) (MSc Applied Electronics)**
- **Valuated the Papers.(SGB University Examination)**
- **Subject Matter Expert (Technical) in NRC, SGBAU for ARPIT course**
- **Paper Valuation (UPSC Entrance Exam SGB University) UPSC Competitive Training Center for SC/ST/Minority Students**

(11) Membership of professional bodies.

1. **National University Teachers Association**
2. **Member ISTE (life member) LM76366**

3. Member **IETE** (life member) **M225092**
4. Member **SPEED**(Life Member) **SL:SP1009009**

12) Personality Development of Students:

i. Undertaken various competitions

- **Science & Technology Model Exhibitions( University Level),NSD**
- **Technical Poster competitions(Institute Department Level),Local**
- **Essay competitions under Swaccha Bharat Abhiyan (Govt of India)**
- **Quiz competitions( University Department Level),NSD**
- **Poster Competitions( University Department Level), Start-Up India**

ii. Offers guidance for

- **UGC NET**
- **UGC SET**
- **AICTE GATE**

iii. Undertaken inter departmental activities :

- **Scientific Working Model Exhibition in NATIONAL SCIENCE DAY**
- **Involved in University activities like PhD. Aptitude Test , Biotech Admission Entrance exam, LLB Admission Entrance Exam. As a Supervisor and paper valuation. UPSC Entrance Exam (University level)**

iv. Organized Inter Collegiate Activities :

- **Worked as a member in various NSD, AVISHKAR Committees to organized intercollegiate Science Exhibition.**

v. Organized intra-university/inter university activities :

- **Accommodation committee member in AVISHKAR Inter University Research Festival organized by SGBAU Amravati**

13) Contribution in Administration of University/Departments :

i.) Admission : **Member of Central Admission Committee**

ii.) Test & Evaluation : **Regular Activity of Department**

- **Paper Setting (MCQ)** SGB Amravati University Exam Summer-2020 for **MSc. Applied Electronics (CBS New) in Subjects EMF,OOP,MP/MC, Microwave Engg.**
- **Paper Setting (MCQ)** SGB Amravati University Exam Summer-2020 for **MSc. Electronics (CBS New) in Subjects NMCP.**
- **Paper Moderation (MCQ)** SGB Amravati University Exam Summer-2020 for **MSc. Applied Electronics (CBS New) in Subjects OFC, LIC, CE.**
- **External Examiner** SGB Amravati University Practical Exam Summer-2020 for **MSc. Applied Electronics (CBS New) in Subject Microwave Engg. and Optical Fiber Communication LAB.**

iii.) Extra Mural Activities : **Teachers day, Engineers day celebration**

iv.) Extra Curricular Activities: **All activities conducted by the department.**

v.) General Administration : **Co-Coordinator FABLAB**

: In charge (Department Level) **Remedial Coaching Classes** for (SC\ST) Minority Students

vi.) Sports : **University In charge teacher for Badminton**

**(Boys), Holy ball (Boys)**

- **Technical visit/ educational Tour at Techniq Design Group, Sikandarabad, Hyderabad (AP) Technical visit/ educational Tour at Scientech Pvt LTD. Indore (MP)**

- **Technical visit/ educational Tour at Indian Remote Sensing Center, Nagpur. (MH)**
- **Technical visit to Wind Power Plant at Motha, Chikhaldara, Amravati.**
- **Technical visit/ educational Tour at Indo German Tool Room (IGTR). Aurangabad (MH).**
- **Visit to MAKERS MELA-2018, Sommaiya College at Vidyavihar, Mumbai**
- **Contributed and assisted in organizing the one day workshop on LED Lamp Making, One Day Workshop on Patents & IPR, Technical/industrial Visits.**
- **Organizing Teachers day celebration, Engineers day**
- **Member of subject matter expert for Review of a contents development for online refresher course on “Skills for New Educational Architecture” during 1st September 2019 to 15th January 2020 organized by National Resource centre SGB Amravati University**

14) Contribution in the National interest:

- **“Observer” in AIPMT2016 at Mumbai (MH)**
- **“Observer” in AIPMT2016 at Hyderabad (AP)**
- **“Observer” in AIPMT-2017 at Mumbai (MH)**
- **“Observer” in AIPMT-2017 at Ahmadabad (Gujarat)**
- **Personal Contribution (Donation) in Chief Ministers Distress Relief Fund, Kerala**
- **“Presiding Officer” in Parliamentary Election 2018**
- **“Presiding Officer” in Assembly Election 2019**
- **“Blood Donation” in Various University Activity**
- **Dale Carnegie Associates Inc, certified trainer** in Mission10x Learning Approach.

15) Additional Qualification Acquired:

- **UGC Maharashtra state eligibility test (SET) passed and qualified in DEC. 2013 result declared on 12<sup>th</sup> JUNE 2014**
- **UGC National eligibility test (NET) passed and qualified in JUNE 2013 result declared on 10<sup>th</sup> NOV. 2014**

## Research Publications:

1. **“On the Implementation of FIR Filter with Various Windows for Enhancement of ECG signal”** International Journal of Engineering Science and Technology, Vol. No. III, .no. 2031, March 2011.
2. **“Study of R-Peak Recognition For Heart Rate Variability”** International Journal of Advanced Engineering Technology, Vol.II, Issue II, pp.no. 345-351, April 2011.
3. **“Noise Removal of ECG Signal Using Fir Filter”** International Conference Proceeding on Innovative Science & Engineering Technology, ISBN: 978-81-906377-5-6, Vol. I pp.no.143, April 2011
4. **“Micro controller based Intelligent Temperature Controller for Greenhouse”** International Journal of Engineering and Science, Vol. I, Issue II, pp. no.40-44, December 2012.
5. **“Using Reconfigurable Hardware Design For Automatic Irrigation Control”** National conference proceeding on Recent Initiatives on Green Electronics, ISSN 978-81-922256-9-2, Vol. I pp.no.343-8<sup>th</sup>, 9th Feb-2013.
6. **“An Expert Controller For Greenhouse Climate Control”** National conference proceeding on Recent Initiatives on Green Electronics, ISSN 978-81-922256-9-2 Vol. I pp.no.295--8<sup>th</sup>, 9th Feb-2013.
7. **“Design and Development of Direct Digital Controller For GHCC”** National conference proceeding on Recent Initiatives on Green Electronics, ISSN 978-81-922256-9-2 Vol. I pp.no.343--8<sup>th</sup>, 9th Feb-2013.
8. **“Green Computing: An Eco-Friendly Computing Approach by Optimized use of Electronic Resources”** National conference Proceeding on Recent Initiatives on Green Electronics, ISSN 978-81-922256-9-2 Vol. I pp.no.480, 8th, 9th Feb-2013.
9. **“Extending Daylight Artificially Inside The Greenhouse”** National conference proceeding on Recent Initiatives on Green Electronics, ISSN 978-81-922256-9-2 Vol. I pp.no.299, 8th, 9th Feb-2013.
10. **“Development of Low Cost Integrated Discrete Controller for Winter Garden Ambiance Control”**, International Journal of Informative & Futuristic Research, Volume 2 Issue 3, pp.no.618-624, November 2014.
11. **“An Expert Controller for Greenhouse Climate Control”**, SPEED Journal of Research, Vol. I, Issue I, pp. no. 45, June 2014

12. **“Design And Development of Low Cost Portable Opacity Measurement System Using Advanced Embedded Controller”**, Int. J. of Innovative Research in Electrical, Electronics, Instrumentation and Control Engg. (IJIREEICE), Vol. 4, Issue 3, **PP.No.46-50, March 2016.**
13. **“Hardware Implementation of Auto Guided Vehicle using Advanced Controller”**, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Vol. 4, Issue 9, **pp.181-188.** September 2017.
14. **“Design & Implementation of Fuzzy Inference For Automatic Braking System”**, International journal of Advanced Research in Science and Engineering(IJARSE), Vol. 06, Issue 09, **pp. 242-1255.** September 2017.
15. **“Perilous Impact of Microwave Emission on Inexperienced Environment: A Review”**, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue XII, **pp. 2753-2759,** December 2017.
16. **“Design & Implementation of Fuzzy Inference System For Automatic Braking System”**,4<sup>th</sup> international Conference on Emerging Trends in Engg And Management Research (ICETEMR-17), **pp. 218-218,17 Sept 2017.**
17. **“Controlling Home Appliances Using Advanced Microcontroller: A Novel Approach”**, National Conference on *“Emerging Trends in Science”* vol. 110(H), pp. no.74-78, Feb. 2019.
18. **“Integrated High-Tech intelligent Security System”**, Research Journey International Research Journal, **Vol. No. 110(H), pp.no.61-66, Feb. 2019.**
19. **“On The Implementation of Enhanced Highly Secure One Time Password Authentication Algorithm”**, Research Journey International Research Journal, **vol. no. 110(C), pp.no.313-318, Feb. 2019.**

### **Refresher/ Oriented Courses Attended:**

- Participated in Online Annual Refresher Program for Innovative Teaching (ARPIT) on **“Best Practices in Educational Skills”** sponsored by SWAYAM MHRD during.....
- Attended Online Refresher Course approved by UGC-MHRD & AICTE uploaded on SWAYAM platform” **Innovation and Best Practices in Educational Skills”** organized by National Resource Center, SGBAU, Amravati during 01<sup>st</sup> Nov.

2018 to 28<sup>th</sup> Jan. 2019.

- Refresher course in “**IT Application**” approved By UGC UGC-ASC,RSTM Nagpur University, Feb 6<sup>th</sup> 2012 to Feb 26<sup>th</sup> 2012.
- UGC sponsored “**83<sup>rd</sup> Orientation Program**” at UGC-ASC, RSTMNU, Nagpur during 02<sup>nd</sup> Jan To 29<sup>th</sup> Jan 2014.

### **Two Week STTP Courses Attended:**

- Participated in ISTE approved One week STTP on “**Image & Video Processing**” organized at SSGMCE, Shegaon (Amravati) during Dec. 18<sup>th</sup> 2006 to Dec. 22<sup>th</sup> 2006.
- Participated in ISTE approved One week STTP on “**Advanced Embedded Systems**” organized at Shree Ramdeobaba Kamla Nehru Engineering Collage, Nagpur, during April 7<sup>th</sup> to 11<sup>th</sup> April 2008.
- Participated in ISTE approved One week STTP on “**Digital Signal Processing Using MATLAB**” organized at PRMITR, Badnera (Amravati), during April 21<sup>th</sup> to 25<sup>th</sup> April 2008.
- One week workshop of Teaching Learning Technology “**Mission 10x**” approved by ISTE (AICTE) organized by SGBAU Amravati during 3<sup>rd</sup> to 7<sup>th</sup> may 2010.
- ISTE(AICTE) Sponsored STTP on “**Real Time Embedded System**”, Organized at Prof. Ram Meghe Instt.of tech. and Research, Badnera, During April 1<sup>st</sup> 2011 to April 10<sup>th</sup> 2011
- ISTE(AICTE) and IETE Sponsored Two Week STTP on “**Signal And Systems**”, Organized at Prof. Ram Meghe Instt.of tech. and Research, Badnera, During May 18<sup>th</sup> 2011 to May 27<sup>th</sup> 2011.
- Participated in ISTE approved One Week STTP on “**Faculty Development Program on Lab VIEW**” organized at Prof. Ram Meghe Instt.of tech. and Research, Badnera on Dec 3<sup>rd</sup> 2012 to 07<sup>th</sup> Dec 2012.
- ISTE-IETE approved One Week STTP on “**Applications To Digital Signal Processing: A System Approach**”, organized at Dr. Rajendra Gode Institute of Technology and Research, Amravati, During 13<sup>th</sup> Oct<sup>2015</sup> to 17<sup>th</sup> Oct.2015
- Participated in ISTE-IETE & IEI approved Two Week STTP on “**Internet of Things and Advances in Embedded System**” organized at Prof. Ram Meghe Instt.of tech. and Research, Badnera on 21<sup>st</sup> Nov. 2016 to 30<sup>th</sup> Nov.2016
- Participated in One Week Training Programme on “**Soft Skill, LMS & E-**

**Content Development**” organized by Faculty Development Cell, SGBAU, Amravati during 02<sup>nd</sup> Jan.2017 to 07<sup>th</sup> Jan. 2017.

- Participated in One Week STTP on “**Contact/Hands on Experience programme for ARPIT Learners**” organized by UGC-HRDC, SGBAU, Amravati during 09<sup>th</sup> Sept. 2019 to 14<sup>th</sup> Sept. 2019
- Participated in One Week STTP on “**Soft Skill, LMS & E-Content Development**” organized by Faculty Development Cell, SGBAU, Amravati during 02<sup>nd</sup> Jan.2017 to 07<sup>th</sup> Jan. 2017.
- Participated in One Week STTP on “**Achieving Excellence in Higher Education**” organized by Faculty Development Cell, SGBAU, Amravati during 11<sup>th</sup> Dec.2017 to 16<sup>th</sup> Dec. 2017.

### **Faculty Development Program (FDP) Attended:**

- Participated in one week online faculty development program (FDP) on “**e- content Development and Delivery, Research Methodology and Anatomy**” conducted by internal Quality Assurance cell Kamla Nehru Mahavidyalaya from **27<sup>th</sup> July 2020 To 1<sup>st</sup> August 2020.**
- Participated in 2 week faculty development programme (FDP) on “**Empowerment Through Digital Technology and e-Learning**” organized during **1<sup>st</sup> June 2020 To 12<sup>th</sup> June 2020** organized by SNTD Women's University, Dr Babasaheb Ambedkar chair in collaboration with Shri M D Shah Mahila College of Arts and Commerce, Mumbai
- Participated in one week National level Faculty Development Programme (FDP) on “**G-suits and Allied tools in Education Teaching and e-content Development**” organized during **29<sup>th</sup> June 2020 To 04<sup>th</sup> July 2020** Organized by Post Graduate Department of Computer Science And Sant Gadge Baba Amravati University.
- Participated in one week Faculty Development Program (FDP) on “**e-learning**” conducted during **28<sup>th</sup> June to 4<sup>th</sup> July 2020** organized by SNTD Women's University
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Internet of Things (IoT)"** from **2020-10-5 to 2020-10-9** at **Government College of Engineering and Research Awasari**
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on “Internet of Things in Fluid Power”** during **5<sup>th</sup> Oct to 9<sup>th</sup> Oct 2020.** at **Govt College of Engineering, Pune**

- Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Lab on Chip"** from **2020-12-14** to **2020-12-18** at **DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY (DU)**.
- participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Robotics"** from **2020-12-7** to **2020-12-11** at K.E. Society's Rajarambapu Institute of Technology, Rajaramnagar.
- Participated & completed successfully AICTE sponsored One Week Faculty Development Program (FDP) on **"ARDUINO"** organized by Rajarshi Shahu College of Engineering, Tathawade, Pune in Association with **Spoken Tutorial, IIT Bombay** from 25/04/2020 to 30/04/2020.

### **NPTEL Sponsored STTP Attended:**

- Successfully completed NPTEL Online STTP on **"Microprocessors and Interfacing"** scoring **73%** conducted during **January to April 2020** (12 week course), organized by IIT Guwahati
- Successfully completed NPTEL Online STTP on **"Microprocessors and Microcontrollers"** scoring **83%** conducted during **January to April 2020** (12 week course), organized by IIT Kharagpur
- Successfully completed NPTEL sponsored 8 Week Certification Course on **"Introduction to R Software"** organized by Indian Institute of Technology, Kanpur during August 2019 to Oct 2019
- Successfully completed MHRD sponsored 8 Week Certification Course on **"LaTeX"** organized by S.B.Patil College of Engineering, Indapur in association with **Spoken Tutorial Project, IIT Bombay**, during 25<sup>th</sup> April to 1<sup>st</sup> May 2020
- Successfully completed MHRD sponsored 8 Week Certification Course on **"Arduino"** organized by **Spoken Tutorial Project, IIT Bombay**, funded by **National Mission on Education through ICT, MHRD, Govt., of India**.

### **Seminar/Workshop/Conferences Attended:**

- Participated in **National Conference on LASERS and Their Applications NCOLA-2004** Organized at Deptt. of Physics Amravati University in January 28 to January 30 2004.

- Participated in **International Conference on Relativity-2005** organized at Deptt. of Mathematics, Amravati University, Amravati on January 11 to January 14 2005..
- Attended One Day ISTE sponsored Workshop on “**Protection of Intellectual Property: Emerging Scenario**”, organized by IPR cell and PRMITR, Badnera on 25<sup>th</sup> March 2006.
- Attended Two Days UGC sponsored Workshop on “**Development and Implementation of Question Bank**”, organized by SGBAU, Amravati during 30<sup>th</sup> March -31<sup>th</sup> March 2007
- Participated in Regional level Workshop on “**Advances in Electronics (Special Emphasis on Microcontrollers)**” organized at Brijlal Biyani Science Collage, Amravati on January 22<sup>nd</sup> 2008.
- Attended Two Days Workshop on “**Machine Learning**”, organized by CDAC, Navi Mumbai during 19<sup>th</sup> Dec. to 20<sup>th</sup> Dec. 2008.
- Attended Two Days Workshop on “**Total Solar Eclips-09**”, organized by UGC, SPACE New Delhi and SGBAU Amravati, during 13<sup>th</sup> June. to 14<sup>th</sup> June 2009.
- Attended “**One day Training Programme for the Teachers of Science and Engineering Faculties**”, organized by CDEEP, IIT, Bombay at SGBAU, Amravati on 08<sup>th</sup> August. 2009.
- Attended One day Workshop on “**Lighting for Rural and Urban Low Income Groups Using LEDs**”, organized by SGBAU, Amravati on 03<sup>th</sup> Oct.2009.
- Attended One Day Workshop on “**Impedance Analyzer**”, organized by SGBAU, Amravati on 09<sup>th</sup> Feb 2010.
- Participated in two day Workshop “**High Impact Teaching Skills**” organized at HVPM Amravati during 3<sup>rd</sup> and 4<sup>th</sup> May 2010.
- One Week Workshop on **Dale Carnegie Associates Inc, certified trainer** in Mission10x Learning Approach. (organized at SGBAU during 26<sup>th</sup> and 27<sup>th</sup> Oct 2010.
- Attended UGC sponsored National Conference on “**Recent Trends in Embedded Technology and Its Applications**”, organized by Kamla Nehru Mahavidyalaya, Nagpur on 11<sup>th</sup> Jan.2011.
- Participation in two day Seminar on “**Better life in Rural Communities with ICTs**”, held at PRMCEAM Badnera. During 16<sup>th</sup> May to 17<sup>th</sup> May 2011.

- Attended One day Seminar on “**Natural Resources, Bio-diversity and Geography Information System**”, organized by ISSC Allahabad, UGC-ASC and SGBAU, Amravati on 18<sup>th</sup> Oct.2011.
- Participation in one day workshop on “**LED LAMP MAKING**”, organized by Deptt. of Applied Electronics, SGBAU, Amravati on 04<sup>th</sup> Feb. 2013.
- Participation in one day workshop on “**Patent & Intellectual Property Management**”, organized by Patent Cell, SGBAU, Amravati on 07<sup>th</sup> Feb.2013.
- Participated in national conference “**National Conference on Recent Initiatives towards Green Electronics (NCRIGE-2013)**” organized by Brijlal Biyani Science Collage, Amravati during 08<sup>th</sup> - 09<sup>th</sup> Feb. 2013.
- Participated and delivered Lecture “**Conservation: a Global Need**” One day Workshop on **LED Lamp Making** organized at Deptt. Of Appl. Electronics (SGBAU) extension activity under TRDEA on 04<sup>th</sup> Feb 2013.
- Participation in one day workshop on **IQAC’ Accreditation Awareness ‘Workshop**, organized by SGBAU, Amravati n 03<sup>rd</sup> Dec. 2014
- Participation in **49<sup>th</sup> All India Marathi Science Conference**, organized by Deptt of Marathi, SGBAU, Amravati during 05<sup>th</sup> Dec- 07<sup>th</sup> Dec.. 2014
- Participation in one day Seminar on “**New Education Policy Reforms**”, held at Govt Institute of Science and Humanity, Amravati on 29<sup>th</sup> Nov. 2015.
- Participated in One Day Workshop on “**BIG DATA TECHNOLOGY**” organized by Brijlal Biyani Science Collage, Amravati on 08th Oct. 2015.
- Participation in one day workshop on **LED LAMP FABRICATION**, organized by Deptt. of Applied Electronics, SGBAU, Amravati on 26<sup>th</sup> Feb 2016.
- Participation in one day workshop on “**Scientific Research Paper writing**”, organized by National Academy of Science at Deptt. of Chemistry, SGBAU, Amravati during 04<sup>th</sup> March to 05<sup>th</sup> March 2016.
- Participated in national conference “**Buddhist Philosophy-A Present Day Need**” (NCBP-2016), organized by Buddhist Studies Center, SGBAU, Amravati on 12 March 2016.
- Participated in One Week Workshop on “**Research Methodology**” organized by Deptt. of Home Science, SGBAU, Amravati during 14h March to 19<sup>th</sup> March 2016.
- Attended One day workshop on “**Right To Information Act-2005**”, organized by YASHADA, Pune and Deptt of Life Long Learning, SGBAU, Amravati on 02<sup>nd</sup> Dec.2016.

- Attended One day workshop on “**SGBAU’s new Ph.D. Ordinance & Research Awareness**”, organized by Computer Society of India, IETE, Deptt. of Computer Science, SGBAU, Amravati on 27<sup>th</sup> Dec.2016.
- Attended one day Training Programme on “**Sexual Harassment of Women at Workplace [Prevention, Prohibition and Redressal] Act-2013**”, organized by Maharashtra State Commission for Women on 09<sup>th</sup> Feb. 2017.
- Participated in One Day Seminar on “**Mechatronics NSM-2017**” organized by Brijlal Biyani Science Collage, Amravati on 25<sup>th</sup> March. 2017.
- Participation in one day workshop on **LED LAMP FABRICATION**, organized by SIPNA Arts ,Science & Commerce Mahavidyalaya, Chikhaldara and Deptt. of Applied Electronics, SGBAU, Amravati on 09<sup>th</sup> March 2017.
- Participated in One Week Workshop on “**Meditation for Peace**” organized by Deptt. of Home Science, SGBAU, Amravati during 19<sup>th</sup> Sept. to 23<sup>rd</sup> Sept. 2017.
- Participated in “**Makers Mela**” ,organized by Research Innovation Incubation Design Lab at Sommiya Collage,Vidyavihar,Mumbai during 11<sup>th</sup> Jan 2018 to 13<sup>th</sup> Jan. 2018
- Participated in 2<sup>nd</sup> National conference “**Buddhist Philosophy-A Present Day Need**” (NCBP-2018), organized by Buddhist Studies Center, SGBAU, Amravati on 03 Feb 2018.
- Participated in One Day State Level Workshop on “**New Innovative Ideas Scouting Process for science Graduates, Post Graduates & Researchers Under Start-Up Programme**” organized by MIT-TBI, MEDA, Pune at Brijlal Biyani Science Collage, Amravati on 12<sup>th</sup> Oct. 2018.
- Participation in one day workshop on “**University Student Council Election**”, organized by SGBAU, Amravati on 29<sup>th</sup> June 2019.
- Participation in Two days state level workshop on “**Soft Skill Training for Mathematical Sciences**”, organized by Deptt. of Mathematics & IQAC, SGBAU, Amravati during 15<sup>th</sup> March 2019 to 16<sup>th</sup> March 2019.
- Attended One day Training Pogramme on ” **Fundamentals of Low Cost Automation**” organized by Indo German Tool Room, Aurangabad on 14<sup>th</sup> Feb 2019.
- Attended One day Training Pogramme on” **National YOGA Day**” organized by Indo SGBAU<Amravati on 21<sup>st</sup> June 2019.

- Participated in “**Effective and Efficient Online Teaching in the Age of Corona: A Hands on workshop**” Organized by teaching learning centre at Bombay IIT during **17th may 2020**
- Participated in National workshop on “**Learning Management System: MOODLE**” from **July 27 to August 2 2020** (one week online full time), organized by SNDT Women's University, Mumbai, Teaching Learning Centre (TLC14) in collaboration with PMMMMTT-MHRD and Department of Educational Technology
- Attended One day Training Program on “**SCILAB Beginners Workshop**” organized by PMMMNMTT-MHRD on **07<sup>th</sup> Oct 2020**.
- Successfully completed National Level Workshop on” **Blended Learning**” **organized** by Department of Education Technology, SNDT Women’s University, Mumbai on **13<sup>th</sup> June 2020**

### **Online Webinars /Quiz/ Awareness Programs Attended:**

- Participated in in online quiz on “**Indian Constitution**” organized by political science department Shri Vasantao Naik Mahavidyalaya Dharni district Amravati on **31st May 2020**
- Participated in one day international webinar on “**Review Articles Writing Using MS Word Add in and Publication**” Organized by International Journal of Microbial Sciences and Jaywantrao Sawant College of Commerce and Science Pune on **31st May 2020**
- Participated in “**Covid-19 pandemic awareness**” online quiz organized by department of Electronics Vinayak Vidya Mandir Arts Commerce and Science on **23rd April 2020**
- Participated in Webinar on “**New age tools Teaching Online**” organized during **28<sup>th</sup> June 2020 to 30<sup>th</sup> June 2020**, organized by **ACEMEDISTHAN**
- Participated in National Webinar on “**Recent Trends in computational mathematics and it's application**” From **17<sup>th</sup> June and 18<sup>th</sup> June of 2020** organized by Department of mathematics Shri Guru Teg Bahadur Khalsa College Jabalpur (MP)
- Participated in National Webinar on “**Innovative Teaching and Learning Through Digital Platform**” organized during **29<sup>th</sup> To 30<sup>th</sup> May 2020** Organised by Internal Quality Assurance cell Nagpur Shikshan Mandal Shri Mathuradas Mohota college, Nagpur

- Participated in Webinar on “**Balance between Work and Well being: A dilemma**” conducted on **5<sup>th</sup> September 2020** organized by MH Saboo siddik College of Engineering
- Participated in National level online Quiz on “**International yoga day**” organized by Sant Gadge Baba Amravati University on **21<sup>st</sup> June 2020**
- Participated in Webinar organized by IEEE standards Association and MHRD PMMMTT FDC Shivaji University Kolhapur on “**IEEE 802. 11 and Building Wireless Network Community**” held on **22nd May 2020**
- Participated in National Webinar on “**Understanding the Transcribed Dark Side of Human Genome , Major Depression and Antidepressant Treatment Outcome**” organized by Mizoram University on **19<sup>th</sup> may 2020**
- Attended National level Webinar on “**Intellectual Property Right and Patent Filing**” organized by internal Quality Assurance cell LKDBSC college, LONAR on **8<sup>th</sup> June 2020**
- Attended International Webinar on “**Emerging Trends in Material Science and Its Application for Sustainable Development**” **6<sup>th</sup> June 2020 To 7<sup>th</sup> June 2020** organized by Department of Physics and Electronics Shri Guru Teg Bahadur Khalsa College Jabalpur (MP).
- Participated in online “**Covid awareness program**” organised by Vidyashree coaching classes Ralegaon ,District Yavatmal
- Participated in six days National webinar on the theme “**Research Methodology**” organized by Saraswati College of Science social work watching on dated **7<sup>th</sup> June to 12<sup>th</sup> June 2020**
- Participated in one day webinar on “**Research Methodology**” jointly organized by Shri Krishna shripad Mahavidyalaya, Jalgaon on **16<sup>th</sup> June 2020**
- Participated in one day international Webinar on “**Review Article Writing using MS Word Add in and Publication**” jointly organized by International Journal of Microbial Sciences and Jaywantrao Sawant college of Commerce and Science, on **31<sup>st</sup> May 2020**
- Participated in international web conference on “**Impact of Covid-19 on Education System**” organized by Dr Babasaheb Ambedkar Marathwada University, Aurangabad on **30<sup>th</sup> May 2020**
- Attended Webinar Session on “**Scope for Integrated and Collaborative Research ,IPR & Startups ,NEP- 2020 ,Transforming Culture of Assessment, Teacher Education Policy NEP- 2020**” held on **September 10, 2020** in the

Online Webinar Series from **8<sup>th</sup> to 11<sup>th</sup> September 2020** on “**Reflections of on National Education Policy 2020**” organized by SNTD Women's University

- Participated International webinar on “**Nurturing Health for Prosperity**” organized by Diet Counseling Centre, Department of Home Science and Internal Quality Assurance cell, Sant Gadge Baba Amravati University held on **19<sup>th</sup> September 2020**
- Attended one day Webinar session on “**National Education Policy 2020 and Key Strength and Challenges, Equitable and Inclusive Education**” on **September 9, 2020** in Online Webinar Series from **8 to 11 September 2020** on “**Reflections on National Education Policy 2020**” organized by SNTD Women's University, Mumbai
- One Day National Webinar on “**Revised NAAC Assessment and Accreditation Process**” organized by National Accreditation and assessment Council , Bangalore and Sant Gadge baba Amravati university Amravati on **04th July 2020**

### **Guest lecture delivered:**

1. GUEST LECTURE “**Short term Training program On Energy Conservation**” organized by ASC SGB Amravati University on 19/07/2012
2. GUEST LECTURE “**Refresher course On Information Communication Technology**” organized by ASC SGB Amravati University on 20/07/2012
3. GUEST LECTURE “**Refresher course On Information Communication Technology**” organized by ASC SGB Amravati University on 23/07/2012
4. GUEST LECTURE “**Refresher course On Information Communication Technology**” organized by ASC SGB Amravati University on 18/12/2013
5. GUEST LECTURE “**Refresher course On Information Communication Technology**” organized by ASC SGB Amravati University on 21/12/2013
6. GUEST LECTURE “**Short term Training program On Energy Conservation**” organized by ASC SGB Amravati University on 13/02/2014
7. GUEST LECTURE “**Refresher course in Basic Sciences**” organized by ASC SGB Amravati University on 03/11/2014
8. GUEST LECTURE “**Refresher course in Basic Sciences**” organized by ASC SGB Amravati University on 05/11/2014

9. GUEST LECTURE “**Refresher course in Basic Sciences**” organized by ASC SGB Amravati University on 28/11/2014
10. Delivered a Lecture on “**Energy Conservation: A Global Need**” at Deptt. of Appl. Electronics (SGBAU) in “**LED LAMP MAKING WORKSHOP**” on **14<sup>th</sup> Feb 2014**
11. Delivered a Lecture on “**LED Lamp Fabrication**” at SIPNA Collage ,Chikhaldara, Amravati in “**LOW COST LED LAMP MAKING WORKSHOP**” on **09<sup>th</sup> March 2017**
12. **Trainer for Imparting Training for Vittiya Saksharta Abhiyan (VISAKA) at SGB Amravati University , Amravati**
13. Delivered a **Popular Lecture** on “**Energy Conservation: A Global Need**” at **Deptt. of Applied Electronics on 11<sup>th</sup> Oct 2017**
14. Has delivered a **Lecture** on “**LED Lamp Fabrication**” and hands on Demonstration in **Two days workshop** (extension activity under TRDEA in the deptt. of Applied Electronics on 10<sup>th</sup> Oct. 2018.
15. Has Assessed Seminar in UGC sponsored **Refresher Course in ICT Application** organized by HRDC-ASC ,SGBAU, Amravati on 17<sup>th</sup> Oct 2018
16. Delivered Expert talk in One day Workshop Cum Training Programme on “**GOOGLE CLASSROOM**” organized by Deptt, of Computer Science, SGBAU, Amravati on 21<sup>st</sup> Jan.2019.