



BIO-DATA

1. **Name** : **LAKKIMSETTI. MALLESWARA RAO**
2. **Father's Name** : **LAKKIMSETTI. SATYANARAYANA**
3. **Date of Birth** : **29-05-1966**
4. **Present Designation** : Selection Grade Lecturer
5. **Address** **Office** : Department of Physics
Sri Y.N. College (Autonomous)
NARSAPUR-534275.W.G.Dt. (AP).
Tele: 08814-273246.
- Residence** : H.No.6-9-3/1,
Near H.P. Gas Office,
Josyulavari street,
NARSAPUR-534275.W.G.Dt. (AP).
Tele: 08814-276268, Cell: 9985137973.
6. **Date of Joining (Unaided)** **22-08-1990**
7. **Date of Joining** (to the post of Lecturer in this college) **16-01-1997**
8. **Qualifications** (starting from SSC):

Examination passed	Name of the University	Year of passing	Class secured	Exact % of marks	Subject of Examination
SSC	Board of Secondary Education	1982	First	65.8	Mathematics, Physical Sciences, Social Studies
Intermediate	Board of Intermediate Education	1984	First	64.1	Maths, Physics, Chemistry
B.Sc.	Andhra University	1987	First	72.2	Physics (Main), Mathematics and Chemistry
M.Sc.	Andhra University	1990	First	64.5	Physics, Electronics (specialization)
DCA	Andhra Pradesh Productivity Council	1992	First	80.4	Computer Applications
M.Phil	Andhra University	2002	First	69.5	Atmospheric Physics
Ph.D	Andhra University	2012			Meteorology

M.Phil (2002) : A Study on the low Latitude Amplitude Scintillations, (M.Phil Dissertation awarded on 15-02-2002), Andhra University, Visakhapatnam.

Ph.D (2012) : A Study on the Onset and Variability of Indian Summer Monsoon and Teleconnections, (Ph.D. thesis awarded on 24-11-2012), Andhra University, Visakhapatnam.

Teaching Experience: 21 Years

Details of Qualifying Service:

S.No.	Designation	Qualifying Service	
		From	To
i.	Lecturer	16-01-1997	Continuing till to date
ii.	Lecturer (unaided by selection committee)	21-03-1995	15-01-1997
iii.	Lecturer (unaided)	22-08-1990	20-03-1995

Research Experience: 5 Years

(a) 2 years (1999-2002) leads to M.Phil.

(b) 1 year (2008-2009) Part-time research.

(c) 2 years (2009-2011) as FDP scholar, UGC leads to Ph.D

**Area of Specialization: Atmospheric Physics in M.Phil
Meteorology in Ph.D**

Ornanised Seminars/Workshops:

- 1. Organised** One Day National Workshop on “**Emerging Trends In Renewable Energy Resources**” by Department of Physics on 3rd August, 2019.
- 2. Organised** One Day National Seminar on “**Recent Trends in Climatic Changes -- An Alarming Issue**” by Department of Physics on 21st December, 2019.
- 3. Organised** One Day National Webinar on “**Nanostructured Materials for Controlling Flow of Light**” 5th June, 2020, 5 PM to 6.30 PM Organized by Department of Physics, Sri Y.N.College (A), Narsapur in association with IQAC.
- 4. Organised** One Day National Webinar on “**Effects of Global Warming and Climate Change**” 12th November, 2021, 10.30 AM to 12.00 Noon Organized by Departments of Physics & Chemistry, Sri DNR Government Degree College (W), Palakol.

Research Publications & Seminars:

International Journals: 47

Edited Books: 06

International/National Seminars: 81

Faculty Development Programmes (FDPs): 26

1. Participated in UGC sponsored Orientation course from 15th April, 2008 to 12th May, 2008 organized by Academic Staff College, Andhra University, Visakhapatnam.
2. Participated in UGC sponsored Refresher Course on “**Environmental Sciences**”, from 13th May to 2nd June, 2008 conducted by Academic Staff College, Andhra University, Visakhapatnam.
3. Participated in UGC sponsored refresher course on “**Life science/Marine Sciences**”, starting from 9th November to 29th November, 2009, conducted by Academic Staff College, Andhra University, Visakhapatnam.
4. Participated in UGC sponsored refresher course on “**Environmental sciences**”, starting from 22nd October to 11th November, 2010 conducted by Academic Staff College, Andhra University, Visakhapatnam.

LIST OF PAPERS PUBLISHED IN INTERNATIONAL JOURNALS:

2008-2009(01):

1. Naidu, C. V., K. Durgalakshmi, K. Muni Krishna, S. Ramalingeswara Rao, G. C. Satyanarayana, P. Lakshminarayana, and **L. Malleswara Rao**. (2009): *Is summer monsoon rainfall decreasing over India in the global warming era?* **Journal of Geophysical Research (JGR)**, VOL. 114, D24108, doi: 10.1029/ 2008JD011288, 2009. (ISSN: 0148-0227 (Print), 2156-2202 (Online), Impact Factor: 3.303, UGC Journal No.28310). (Citations:95)

2009-2010(01):

2. C. V. Naidu, G. Ch. Satyanarayana*, K. Durgalakshmi, **L. Malleswara Rao** and K. Nagaratna (2010). *Is winter monsoon rainfall over South Peninsular India increasing in global warming era?*, **Global and Planetary Change (GPC)**, 72, 69–72. (ISSN: 0921-8181, Impact Factor: 2.766, UGC Journal No.287944). (Citations:05)

2010-2011(01):

3. Naidu, C. V., K. Durgalakshmi, G. C. Satyanarayana, **L. Malleswara Rao**, S.S.V. S. Ramakrishna, J. Rama Mohan and K. Nagaratna. (2011): *An observational evidence of climate change during global warming era*, **Global Planetary Change (GPC)**, 79, 11-19. . (ISSN: 0921-8181, Impact Factor: 2.766, UGC Journal No.287944). (Citations:12)

2011-2012(01):

4. Naidu, C. V., G. Ch. Satyanarayana*, K. Durgalakshmi, **L. Malleswara Rao**, G. Jeevana Mounika and A. Dharma Raju (2012): *Changes in the frequencies of northeast monsoon rainy days in the global warming?* **Global and Planetary Change (GPC)**, 92–93, 40–47. (ISSN: 0921-8181, Impact Factor: 2.766, UGC S.No.287944). (Citations:13)

2014-2015(01):

5. C. V. Naidu, **L. Malleswara Rao**, G.Ch. Satyanarayana, K. Durgalakshmi, A. Dharma Raju and G. Jeevana Mounika (2015): *Anomalous behavior of Indian summer monsoon in the warming environment*. **Earth-Science Reviews (ESR)**, 150, 243-255, August, 2015 (ISSN: 0012-8252, Impact Factor: 9.452 UGC Journal No. 12359). (Citations:95)

2015-2016(02):

6. Dr ARS Kumar, **Dr.L Malleswara Rao**, Ch.Kanaka Rao & Ch.Sundar Singh (2016): *Present and Future Trends in India's Higher education*. **International Journal of Academic Research (IJAR)**, 58-62, Vol -3.Issue-2(1), February, 2016 (ISSN: 2348-7666, Impact Factor: 3.075).

7. **Dr.L Malleswara Rao**, Dr ARS Kumar, J Rama Mohan, Dr.APV Appa Rao and P.Ramakrishna Rao (2016): *Academic Development of Higher Education in India*. International Journal of Academic Research (IJAR), 169-171, Vol-3.Issue-3(2), March, 2016 (ISSN: 2348-7666, Impact Factor: 3.075).

2016-2017(04):

8. **Dr.L Malleswara Rao**, Dr ARS Kumar, J Rama Mohan, Dr.APV Appa Rao and P.Ramakrishna Rao (2016): *Curriculum Design and Development in Higher Education*. International Journal of Academic Research (IJAR), 169-171, Vol-3.Issue-8(2), August, 2016 (ISSN: 2348-7666, Impact Factor: 3.656).

9. **Dr.L Malleswara Rao**, J Rama Mohan, P.Ramakrishna Rao & K Ram Narayana (2016): *Effect of Global Warming and Climate Change on Natural Resources*. Energy & Ecology-2016 Proceedings of the Seminar, 4th -5th October, 2016, Roshan Publications, 147-153, October, 2016 (ISBN: 978-93-86251-20-6).

10. Dr ARS Kumar , Dr.APV Appa Rao, **Dr.L Malleswara Rao** & Ch. Sundar Singh (2016): *Globalisation and its Impact on the Environment*. Energy & Ecology-2016 Proceedings of the Seminar, 4th -5th October, 2016, Roshan Publications, 47-52, October, 2016 (ISBN: 978-93-86251-20-6).

11. Dr ARS Kumar, **Dr.L Malleswara Rao**, K. Venkateswarlu (2017): *Higher Education in India- the Road to progress*. International Journal of Academic Research (IJAR), 141-144, Vol-4.Issue-1(1), January, 2017 (ISSN: 2348-7666, Impact Factor: 4.535).

2017-2018(09):

12. **Dr.L Malleswara Rao**, J Rama Mohan, P.Ramakrishna Rao, Dr.APV Appa Rao, Dr ARS Kumar & Ch. Kanaka Rao (2017): *A Role of Yoga in Education-Benefits & Challenges*". International Journal of Health, Physical education & Computer Science in Sports (IJHPECSS), 19th -20th June, 2017, Volume 26, No.2, pp: 91-94. (ISSN: 2231-3265, Impact Factor: 3.565).

13. Dr. K. Nageswara Rao, **Dr.L Malleswara Rao** & Dr. K. Venkateswarlu (2017): *"The Role of Yoga in Physical Education*. International Journal of Health, Physical education & Computer Science in Sports (IJHPECSS), 19th-20th June, 2017, Volume 26, No.2, pp: 91-94. (ISSN: 2231-3265, Impact Factor: 3.565).

14. Dr ARS Kumar, **Dr.L Malleswara Rao**, Dr.APV Appa Rao, J Rama Mohan, P.Ramakrishna Rao, Ch. Sundar Singh and Dr K. Ramnarayana (2017): *Raman Spectroscopy in nanotechnology Applications*. International Journal of Academic Research (IJAR), 62-68, Vol-4.Issue-6(1), June, 2017 (ISSN: 2348-7666, Impact Factor: 6.023).

15. P.Ramakrishna Rao, J Rama Mohan, Dr ARS Kumar, **Dr.L Malleswara Rao** & Dr.APV Appa Rao (2017): *A Role of IQAC in improving quality in Higher Education & RUSA*. International Journal of Law, Education, Social and Sports Studies (IJLESS), 56-61, Vol-4.Issue-2, April-June, 2017 (ISSN: 2455-0418, Impact Factor: 4.1).

16. **Dr.L Malleswara Rao**, J Rama Mohan, Dr.APV Appa Rao, Dr ARS Kumar, P.Ramakrishna Rao, & Ch. Kanaka Rao (2017): *Disaster management: Prevention, Mitigation & Preparedness*. International Journal of Multidisciplinary Educational Research (IJMER), 206-212, Vol-6.Issue-6(4), June, 2017 (ISSN: 2277-7881, Impact Factor: 4.527, UGC Journal No.41602).

17. Dr.APV Appa Rao, J Rama Mohan, **Dr.L Malleswara Rao** & P.Ramakrishna Rao (2017): *Role and Responsibilities of Teacher and Student in Building Modern India*. International Journal of Current Advanced Research (IJCAR), 5971-5973, Vol-6.Issue-09, September,

2017 (ISSN: O: 2319-6475, ISSN: P: 2319-6505, Impact Factor: SJIF: 5.995, UGC Journal No.43892).

18. Dr.L Malleswara Rao, Dr.APV Appa Rao & J Rama Mohan (2017): *ICT and E-Learning-Catalysts for Quality Education*. Proceedings of the Seminar, 15th -16th December, 2017, Roshan Publications, 107-113, December, 2017 (ISBN: 978-93-86251-92-3).

19. Dr.L.Malleswara Rao, Dr. K. Nageswara Rao, Dr. K. Venkateswarlu & Dr. Ch. Kanaka Rao (2017): *Environmental Protection: Issues & Challenges*. Journal of Indian Council for Business Education (ICBE), 375-380, March, 2018 (ISBN: 978-81-935990-0-6).

20. Dr.APV Appa Rao, J Rama Mohan, Dr.L Malleswara Rao & P.Ramakrishna Rao (2018): *Science in Indian History*. Journal of Andhra Pradesh History Congress, 6th & 7th January, 2018. Proceedings of the Forty Second Session of AP History Congress, Narsapur, Sl.No.39, January, 2019 (ISSN: 2320-057X).

2018-2019(08):

21. J Rama Mohan, Dr.L Malleswara Rao, Dr.APV Appa Rao, P.Ramakrishna Rao, Dr K. Ramnarayana and Ch. Sundar Singh (2018): *The Upcoming Energy Revolution-Green Energy*. Journal of American Institute of Physics (AIP), 9th & 10th February, 2018. AIP Conference Proceedings 1992, 040001 (2018); <https://doi.org/10.1063/1.5047966>, 3rd August, 2018.

22. Dr.APV Appa Rao, J Rama Mohan, Dr.L Malleswara Rao, Dr K. Ramnarayana, Ch. Sundar Singh and P.Ramakrishna Rao (2018): *Solar Energy in India-Present and Future*. International Journal of Engineering and Science Invention (IJESI), 06-11, Vol.2, Special Issue, February, 2018 (ISSN: O: 2319-6734, ISSN: P: 2319-6726, Impact Factor: 5.962, UGC Journal No.2573).

23. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan & P.Ramakrishna Rao (2017): *Global Warming-Environmental protection*. International Journal of Law, Education, Social and Sports Studies (IJLESS), 22-27, Vol-5.Issue-3, July-Sept, 2018 (ISSN: 2455-0418, Impact Factor: 6.01).

24. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan & P.Ramakrishna Rao (2018): *ICT and E-Learning-catalysts for Quality of Education*. International Journal of Emerging Technologies and Innovative Research (JETIR), 326-330, Vol.5, Issue 11, November, 2018 (ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No.63975).

25. J Rama Mohan, Dr.L Malleswara Rao, Dr.APV Appa Rao & P.Ramakrishna Rao (2018): *Role of a Teacher in Classroom Management*. Proceedings of the Seminar, 19th December, 2018, Roshan Publications, 45-48, December, 2018 (ISBN: 978-93-87540-71-2).

26. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P.Ramakrishna Rao, Dr K. Ramnarayana and Ch. Sundar Singh (2019): *Present and Future Trends of Renewable Energy in India*. Research Review Journals (RRJ), International Journal of Multidisciplinary, 28-32, NSSIHSNENRM-2019, Special Issue, January, 2019 (ISSN: 2455-3085 (Online), Impact Factor: 5.87, UGC Journal No. 44945).

27. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P.Ramakrishna Rao, Dr K. Ramnarayana and Ch. Sundar Singh (2019): *Role of Nanomaterials in Energy Storage Devices*. Proceedings of UGC sponsored National Seminar (RAMS-19), KY Publications, 208-214, January, 2019 (ISBN: 978-93-87769-51-9 (Print), Impact Factor: 5.87, UGC Journal No.).

28. A. Dharma Raju, C.V. Naidu, P. Vinay Kumar, L. Malleswara Rao And J. Rama Mohan (2019): Relation Between Heat Budget Components And Indian Summer Monsoon, *World Ocean Science Congress 2019 (WOSC)*, 22, 25-27 February, 2019.

2019-2020(04):

29. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, Dr K. Ramnarayana and Ch. Sundar Singh (2019): *Energy Storage Materials for Supercapacitor. Journal of Emerging Technologies and Innovative Research (JETIR)*, 208-214, June, 2019 (ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No.63975).

30. Ch. Kanaka Rao, P Rama Krishna Rao, K.C.S.V.Ramana and L.Malleswara Rao (2019): *Present Environmental Issues in India. Journal of Emerging Technologies and Innovative Research (JETIR)*, 208-214, June, 2019 (ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No. 63975).

31. Dr. L Malleswara Rao, J Rama Mohan, Dr. APV Appa Rao, P Rama Krishna Rao, K Ramnarayana, Ch. Sundar Singh (2019): *A role of IQAC: Quality assurance, sustenance and enhancement in higher education, International Journal of Educational Research and Development (IJERD)*, Vol.1,01,01-04, January, 2019 (ISSN (Online): 2664-7095; ISSN: 2664-7087 (Print) Impact Factor: 5.26 (UGC Approval Serial Number: 2573 & UGC Journal Number: 43302).

32. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh, Dr K. Ramnarayana & Dr Ch Kanaka Rao (2020): *Green Energy Technologies. Journal of Interdisciplinary Cycle Research (JICR)*, 1078-1083, February, 2020 (ISSN: 00222-1945, Impact Factor: 6.2, UGC-CARE Group 'II' Journals list -Serial No. 21259).

Edited Book (01):

01. Dr. L Malleswara Rao, J Rama Mohan, Dr. APV Appa Rao & Ch. Sundar Singh (2019): *Digitalization of Education in India-A New Era: Chapter 11, Edited Book, Sucharitha Publications*, 74-77, Vol.1, December, 2019, ISBN: 978-93-83927-34-3.

2020-2021(10):

33. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana (2020): *Environmental Pollution in India. "Ajanta" International Interdisciplinary Quarterly Research Journal*, Volume IX, Issue II, April-June, 2020, pp: 135-140, (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).

34. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr K. Ramnarayana & P Ramakrishna Rao (2020): *Role of Nanomaterials in Nanotechnology. Conference Proceedings of One day online International Conference on Advanced Materials* organised by P.C Jabin Science College, Vidyanagar, Hubballi, Karnataka on 20th July, 2020, pp:228-238. (ISBN: 978-93-540815-5-2)

35. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Role of ICT in Open and Distance Mode in Teaching Learning Process. "Research Journey" International E-Research Journal* (Peer Reviewed & Indexed Journal), Special Issue 249 (A), July, 2020 (E-ISSN: 2348-7143, Impact Factor: 6.625, UGC-CARE Group 'II' Journals list -Serial No.).

36. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Renewable Energy Technologies: Future Roadmap. E-Abstract Proceedings of 3-day International Virtual Conference on Impact of Chemical Disasters on BIOTA (ICDB-2020)* on 24th-26th July, 2020, Organised by Andhra University Visakhapatnam and Andhra Pradesh Akademi of Sciences.

37. J Rama Mohan, Dr.L Malleswara Rao, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Usage of ICT E-Learning tools in Distance Education. E-*

Proceedings of 2 day International Webinar on Online Programme in Distance Education (OPDE-2020) on 2nd & 3rd July, 2020 organised by Department of Education, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

38. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2020): *Usage of Carbon Nanotubes in Energy Storage. E-Abstract Book Proceedings (RDMPMC2020)* of National Online Conference on Research and developments in Materials Processing, Modelling and Characterisation 2020 (RDMPMC-2020) on 26th & 27th August, 2020 organised by Department of Metallurgical and Materials Engineering, NIT, Jamshedpur, Jharkhand. (S.No.81)

39. Dr.L Malleswara Rao, J Rama Mohan (2020): *Disaster Management in India: Prevention, Mitigation & Preparedness. Journal of Emerging Technologies and Innovative Research JETIR*, Volume 7, Issue 8, August, 2020 (ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No. 63975).

40. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2020): *Biodiversity in India: Threats and Conservation. E-Proceedings of International e-Conference on Innovation in Rural Empowerment, Social Dynamics and Welfare in India*, 15th September 2020 organised by Department of Management Studies, Nandha College of Technology, Erode, Tamil Nadu, pp:67 (ISBN: 978-93-877483-6-1).

41. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Impact of Covid 19 on the Environment. "Ajanta" International Interdisciplinary Quarterly Research Journal*, Volume IX, Issue III, July-September, 2020, pp:25-32 (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).

42. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *A Positive Effect of Nanotechnology on Global Warming. Abstract Proceedings of First International Virtual Conference on Nanomaterials (FIVCON-2020)* on 10th -12th September, 2020 organised by Department of Nanotechnology, Acharya Nagarjuna University, Guntur, pp: 54.

43. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, P Ramakrishna Rao & Dr Ch Kanaka Rao (2020): *Impact of Technology in Teaching Programs. Conference Proceedings of 3 Day International E-Conference On Multidisciplinary Education System (Transforming India Into Digital Economy), Divya Lakshmi Publishers and Distributors, Lohia Nagar-Meerut, Edition: 2020, Pp: 95-100 (ISBN: 978-93-90226-05-4).*

44. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Role of Yoga in Education and Physical Education. "Ajanta" International Interdisciplinary Quarterly Research Journal*, Volume IX, Issue III, October-December, 2020, pp:141-146 (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).

45. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, & P Ramakrishna Rao (2020): *Impact of Climate Change on Biodiversity in India. "Akshar Wangmay" Peer Reviewed International Research Journal*, Special Issue-I, pp: 38-47, September, 2020 (ISSN: 2229-4929, Impact Factor: 6.2, UGC-CARE Group 'II' Journals list -Serial No. 21259).

Edited Books (05):

02. Dr.L Malleswara Rao, Dr.APV Appa Rao J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh (2020): *Role of Women in Science and Technology. Chapter-5, Published Book,*

“Human Rights: Issues, Challenges and Present Status” Anu books, New Delhi, First published July, 2020 (ISBN: 978-93-90115-16-7).

03. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Higher Education Sector in India in the post COVID 19 Era: Issues & Challenges. Chapter 3, Published Book, Maharaja Agrasen University Publication, New Delhi, First edition, 2020 (ISBN: 978-81-942547-4-4)*

04. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Impact of Covid 19 on Education and Economy in India. Chapter 22, Published Book, Likhitha Publications, Kakinada, First Edition 13th September, 2020 pp: 136-140 (ISBN: 978-81-947061-2-0)*

05. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana (2020): *Renewable Energy Resources in India. Chapter 8, Walnut Publication, Bhubaneswar, First published in November, 2020, pp: 78-87 (ISBN: 978-893902616-7-3).*

06. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2021): MOOCs: “A New Era in Online Teaching”. Edited Book ”COVID 19: Pedagogical Issues, Challenges And Opportunities”. Chapter 2, Adhyayan Publishers & Distributors, New Delhi, First published in March, 2021, pp: 17-30 (ISBN: 978-93-88804-99-8).

2021-2022(02):

46. Dr.L Malleswara Rao, Dr.APV Appa Rao, Ch. Sundar Singh & P Ramakrishna Rao (2022): *Sustainable Development of Solar Energy in India. “International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)” Peer reviewed, open access online international journal. , Special Issue, 11(1), pp: 762-768, January, 2022 (ISSN: 2277-4998, Impact Factor: 3.789, Web of Science Indexed, UGC-Approved Journal.*

47. Dr.L Malleswara Rao (2022): *Climate Change Impacts on green Energy Technologies. International Journal of Mechanical Engineering, Vol.7, Special Issue-2, pp: 1-7, Jan-Feb,, 2022 (ISSN: 0974-5823, Impact Factor: 2.1, (IJME is a Peer reviewed, Scopus Indexed and UGC-CARE List Group II Listed. (Scopus indexed and UGC care 11 Journal) Impact factor 2.1)*

PARTICIPATED/ PRESENTED PAPERS IN INTERNATIONAL/NATIONAL SEMINARS, WORKSHOPS & SYMPOSIUMS

1999-2000

1. Participated in Seminar on “Higher Education: Vision 2020”, 10th January, 2000 held at Sri.Y.N.College, Narsapur. W.G.Dt. (AP).

2003-2004

2. Participated in the National seminar on “Atmospheric and Oceanic Physics- the Present and Future”, 18th & 19th December, 2004, conducted by Dept. of Physics, Sri. Y.N. College, Narsapur and presented a paper on “*Ionospheric irregularities and their association with the vertical motion of F-layer over Waltair*”

2006-2007

3. Participated in the National seminar on “Cyclone, Earthquake, Tsunami & Disaster Management”, 31st July & 1st August, 2006, conducted by Dept. of Physics, Ch.S.D.St. Theresa’s (Autonomous) College for Women, Eluru and presented a paper on “*Disaster awareness- Cytogenetic System*”.

4. Participated in the National seminar on “**Emerging Trends in Physics Education and Experiental Physics (NSPE 2006)**”, 27th & 28th October, 2006, conducted by Dept. of Physics, VSR & NVR Degree College, Tenali and presented a paper on “**Role of e-Learning in Education**”.

5. Participated in a National seminar on “**Gandhian and Rural Development**”, 1st Dec. 2006, conducted by Gandhian Studies Centre, Sri. Y.N. College, Narsapur.

6. Participated in a National Workshop on “**Mixed Signal Processing & Recent Advances in Electronics**”, 21st December, 2006, conducted by Science & Instrumentation Centre, College of Science & Technology, Andhra University, Visakhapatnam.

7. Participated in a National Workshop on “**Low Power VLSI Design & Technology**”, 3rd February, 2007, conducted by Science & Instrumentation Centre, College of Science & Technology, Andhra University, Visakhapatnam.

2007-2008

8. Participated in the National Seminar on “**National Calamities-Role of Scientists and Administrators**”, 2nd February, 2008, conducted by Dept. of Physics, Sri. Y.N. College, Narsapur and presented papers on “**Floods of Maharashtra**” and “**Floods –Disaster Management**”.

2008-2009

9. Presented a paper on “**Variable Trends in Indian Summer Monsoon Rainfall**” in International workshop on “**Weather Modifications Technologies & Symposium on Natural Disaster Management-2008**”, 27th -29th June, 2008, Organized by Centre for Atmospheric Sciences and Weather Modification Technologies, Jawaharlal Nehru Technological University (JNTU), Hyderabad.

10. Attended a Refresher Course on “**Curriculum of First Year Degree Course under Graduate**”, during 8th & 9th November, 2008 conducted by Department of Physics, College of Science & Technology, Andhra University, Visakhapatnam.

11. Participated in National Seminar on “**Role of Biodiversity on Sustainability of the environment**” during 7th & 8th March, 2009 conducted by Department of Botany, Sri.Y.N.College, Narsapur and Presented papers “**Biodiversity in India**” and “**Threats to Biodiversity**”.

2009-2010

12. Presented a paper on “**Variability of Summer Monsoon Rainfall over Five Homogeneous Regions of India**” in National Seminar on “**Climate Change Causes, Measures and Preparedness**” from 24th to 26th August, 2009 held at University of Hyderabad, Hyderabad, A.P.

2010-2011

13. Participated in Refresher Course on “**Frontiers in Atmospheric Sciences**”, from 14th June to 25th June, 2010 conducted by Indian Institute of Tropical Meteorology (IITM), Pune.

14. Participated in National seminar on “**Monsoon and Climate Change**”, 30th June, 2010 conducted by Dept. of Meteorology & Oceanography, College of Science & Technology, Andhra University, Visakhapatnam.

15. Participated in National seminar on “**Geosciences and Water Resources for Sustainable Development**”, during 11th & 12th February, 2011, conducted by Dept. of Geo Physics, College of Science & Technology, Andhra University, Visakhapatnam.

16. Participated in National Conference on “**Advances in Atmospheric Remote Sensing Water Prediction & Climate Change (ARWPCC-2011)**”, 10th & 11th March, 2011, conducted by

Department of Physics, Sri Venteswara University (SVU), Tirupati and presented a paper on *“Spatial Variability of Summer monsoon rainfall and OLR over India”* and *“Tendencies of Northeast monsoon rainfall over South Peninsular India”*.

2011-2012

17. Participated in the International Symposium on **“Effects of Emissions & Effluents on Environment (EEEE-2011)”** during 23rd & 24th December 2011, conducted by Dept. of Engineering Chemistry, A.U. College of Engineering, Andhra University, Visakhapatnam and presented a paper on *“Variability of winter monsoon rainfall over Rayalaseema”*.

18. Presented a paper on *“Onset of northeast monsoon over South Peninsular India”* in **XVII National Space Science Symposium (NSSS-2012)** from 14th to 17th February, 2012 conducted by Department of Physics, Sri. Venkateswara University, Tirupati, A.P.

19. Participated in the IITM Golden Jubilee International Conference on **“Opportunities and Challenges in Monsoon Prediction in a changing climate (OCHAMP-2012)”** conducted by Indian Institute of Tropical Meteorology (IITM), Pune from 21st to 25th February, 2012 and presented a paper on *“Relationship between the summer monsoon rainfall and the parameters SOI and SST gradient over Indian Ocean”*

20. Presented a paper on *“Relationship between the Indian Monsoon Index and Summer Monsoon Rainfall over India”* in the National Conference on **“Integrated Coastal Zone Management (ICZM-12)”** during 24th & 25th February, 2012 conducted by P.G. Department of Marine Sciences, Berhampur University, Berhampur (ODISHA).

21. Presented a paper on *“Spatial Variations of northeast monsoon rainfall over South Peninsular India”* in Second International Workshop on **“Frontiers of Atmospheric Physics and Technology”** from 1st to 03rd March, 2012 conducted by Department of Physics, Yogi Vemana University (YVU), Kadapa, A.P.

2012-2013

22. Presented a paper on *“Violence Against Women in India”* in the National Seminar on **“Violence Against Women-A Social Challenge”** during 8th & 9th November, 2012 conducted by Department of Political Science, Sri D.N.R Govt. Degree for Women, Palakol.

23. Presented a paper on *“Renewable Energy Sources-Green Energy”* in the National Conference on **“Green Energy and Sustainable Methods to meet the growing energy needs of the Nation”** during 9th & 10th, November, 2012 conducted by Department of Physics, M.R. College(A), Vizianagaram in collaboration with Department of Physics, Andhra University.

24. **National Mission on Education Through ICT (MHRD, Govt. of India) 2-Week ISTE Workshop On “Engineering Thermodynamics”** from 11th December, 2012 to 21st December 2012 conducted by Department of Mechanical Engineering, IIT Bombay.

25. Participated in State level Work Shop on **“25 Years of Autonomy; Issues, Achievements and Challenges”**, 23rd February, 2013, conducted by Internal Quality Assurance Cell (IQAC), Sri. Y.N. College (A), Narsapur.

2013-2014

26. Presented a paper on **“Variability of Northeast Monsoon Rainfall Over Coastal Andhra Pradesh with respect to the Global Parameters”** in the International Conference on **“Climate Change: Present Concerns”**, during 23-24 June, 2013 conducted by Department of Geography, Andhra University, Visakhapatnam.

27. **National Mission on Education Through ICT (MHRD, Govt. of India) 2-Week ISTE Workshop On “Engineering Mechanics”** from 26th November, 2013 to 6th December 2013 conducted by Department of Mechanical Engineering, IIT Bombay.

28. **National Mission on Education through ICT (MHRD, Govt. of India) 2-Week ISTE Workshop on “Signals & Systems”** from 2nd January, 2014 to 12th January, 2014 conducted by Indian Institute of Technology, Khargpur.

29. Participated in the UGC Sponsored Regional Seminar on **“Recent Trends in Climatic Changes and Managing strategies”** during 22nd February, 2014, conducted by Dept. of Physics, Sri Y.N. College, Narsapur and presented a paper on **“Global Warming and its Impacts on Climate Change”**.

2014-2015

30. Participated in National seminar on **“Impacts on Climate Change: Successes And challenges in Ocean & Atmospheric Research (SCOAR-2014)**, during 9th to 11th October 2014, conducted by Dept. of Meteorology & Oceanography, Andhra University, Visakhapatnam.

31. **Presented a paper on “Introduction to Nanotechnology: Looking At Nanoparticles” in the National Seminar on “Recent Trends in Spectroscopy 2014 (NSRTS 2014)” during 11th December, 2014, conducted by Department of Physics, D.N.R. College (A), Bhimavaram.**

32. **National Mission on Education through ICT (MHRD, Govt. of India) TWO - WEEK ISTE Short Term Training Programme (STTP) on” Pedagogy for Effective use of ICT in Engineering Education”** Under the Physical participation at Remote centers during 05th – 07th January and 19th - 21st January 2015 One- week equivalent of work to be completed online, during 08th - 18th & 22nd - 31st January 2015 Conducted by Department of computer Science and engineering, IIT Bombay.

33. Presented a paper on **“Global warming and its impacts on climate of India”** in the National Seminar on **“Global trends in Earth’s Climate-From recent Observations”** during 3rd & 4th February, 2015, conducted by Department of Physics, Ch.S.D.St.Theresa’s (A) college for Women, Eluru, W.G.Dt (AP).

2015-2016

34. Participated Two day Regional Workshop on **“Choice Based Credit System”** during 3rd & 4th September, 2015 organized by UGC, SERO, Hyderabad & Sri DNR Govt. Degree College for Women, Palakol.

35. Participated in the Faculty development Programme cum workshop on **“Light Emitting devices & Materials (LED-2015)”** on 20th November, 2015, conducted by Dept. of Physics, Government college, Rajahmundry.

36. Participated in the UGC Sponsored National Seminar on **“Promoting Excellence in Higher Education-Issues and Challenges”** during 8th and 9th January, 2016 conducted by Internal Quality Assurance Cell (IQAC), Sri Y.N. College, Narsapur and presented a paper on **“Present and Future Trends in India’s Higher education”**

37. Participated in the UGC Sponsored National Seminar on **“The required Benchmarks for Quality Sustenance and Quality Enhancement”** on 23rd January, 2016 conducted by Internal Quality Assurance Cell (IQAC), Ideal College of Arts and Science, Kakinada and presented a paper on **“Academic Development of higher education in India”**.

38. Participated in the UGC Sponsored National Seminar on **“Recent Advance in Spectroscopy Techniques”** on 19th & 20th February, 2016 conducted by Department of chemistry, K.G.R.L Govt.

Aided Degree College (A), Bhimavaram and presented a paper on ***“Raman Spectroscopy in Nanotechnology Applications”***.

2016-2017

39. Participated in the National Workshop on ***“Building Smart Villages-Leveraging Open Innovations”*** on 10th June, 2016 conducted by IQAC MVNJS & RVR College of Arts & Science Malikipuram.

40. Participated in the Two day National Seminar on ***“Energy & Ecology”*** on 4th & 5th October, 2016 conducted by Department of Physics, CR Reddy Autonomous College, Eluru and presented papers on ***“Effect of Global Warming and Climate Change on Natural Resources”*** and ***“Globalization and Its Impact on the Environment”***.

41. Participated in the National Workshop on ***“Dynamics of Teaching, Learning activity in the present context”*** on 11th November, 2016 conducted by DNR Govt. Degree College for Women, Palakol.

42. Participated in the Two day National Seminar on ***“Institutional quality maintaince and improvement”*** on 21st & 22nd January, 2017 conducted by IQAC, Ideal College of Arts & Sciences (A), Kakinada and presented a papers on ***“Role of a Teacher in Higher Education: The Indian Perspective and ICT: A revolutionary Technique in teaching Learning process”***.

2017-2018

43. Participated in UGC sponsored Two day International Seminar on ***“Role of Physical Education and Yoga in Human Development”*** on 19th & 20th June, 2017 conducted by Department of Physical Education and IQAC, SKSD Mahila Kalasala(A), Tanuku and presented two papers on ***“Role of Yoga in Education-Benefits and Challenges”*** and ***“A Role of Yoga in Physical Education”***.

44. Participated in 2nd International Conference on ***“Green Development in Tropical Regions-2017 Challenges and Strategies for global sustainable and green economic development (CSGSGED)”*** on 26th-28th, July, 2017 conducted by Department of Management Studies, Adikavi Nannaya University, Rajahmundry and presented two papers on ***“Environmental Degradation: Disaster Management”*** and ***“The Role Of Biodiversity in Ecosystem Services”***.

45. Participated in International Conference on ***“Renewable Energy Research & Education”*** 9th & 10th February, 2018 conducted by Faculty of Sciences, Government College (A), Rajamahendravaram and presented a paper on ***“The Upcoming Energy Revolution-Green Energy”***.

46. Participated in International Conference on ***“Materials for Energy and Environmental Protection (ICMEEP)”*** 12th & 13th February, 2018 conducted by Department of Physics, Chemistry and Electronics, SIR CR Reddy college (Aided & Autonomous), Eluru and presented a paper on ***“Global Warming-Environmental Protection”*** and ***“Solar Energy in India-Present and Future”***.

2018-2019

47. Participated in the UGC Sponsored State level Seminar on ***“Quality Improvement-Learning outcomes”*** on 15th September, 2018 conducted by Internal Quality Assurance Cell (IQAC), Ideal College of Arts and Science, Kakinada and presented a paper on ***“Role of ICT in Teaching Learning process”***.

48. Participated in the UGC Sponsored One day International Seminar on ***“Nanotechnology for the Future Energy Challenges (NFTFEC)”*** on 18th December, 2018 conducted by Department of Physics & Chemistry, P.B. Siddhartha College of Arts & Science and presented a paper on ***“Role of Carbon Nanotubes in Energy Storage Devices”***.

49. Participated in the UGC Sponsored Two day National Seminar on “**A Study on Interaction between Human Society and Natural Environment including Natural Resource Management**” on 24th & 25th January, 2019 conducted by Departments of Chemistry, Physics & Bio Sciences, Ideal College of Arts and Science, Kakinada and presented a paper on “***Present and Future Trends of Renewable Energy in India***”.

50. Participated in the UGC Sponsored One day National Seminar on “**Recent Trends in Students Anti Social Behaviour- Implications for the Future of Education**” on 19th December, 2018 conducted by Internal Quality Assurance Cell (IQAC), VSR & NVR College (A), Tenali and presented a paper on “***Role of a Teacher in Classroom Management***”.

51. Participated in the UGC Sponsored One day National Seminar on “**Empowerment of Women: Recent Trends & Challenges**” on 8th February, 2019 conducted by Women Development Cell, SIR CR Reddy College (A), Eluru and presented a paper on “***Role of Women in Science & Technology***”.

52. Participated in the UGC Sponsored One day National Seminar on “**Recent Advances in Materials Science**” on 14th February, 2019 conducted by Department of Physics, JKC College, Guntur and presented a paper on “***Role of Nanomaterials in Energy Storage Devices***”.

53. Participated in the UGC Sponsored One day National Seminar on “**Recent Advances in Materials Science**” on 25th February, 2019 conducted by Department of Physics, DNR College (A), Bhimavaram and presented a paper on “***Energy Storage Materials for Supercapacitors***” and “***Present Environmental Issues in India***”.

54. Participated in **World Ocean Science Congress 2019 (WOSC)** on 25-27 February, 2019 conducted by Department of Meteorology & Oceanography and Vijnana Bharathi at Andhra University, Visakhapatnam and presented a paper on “***Relation between Heat Budget Components and Indian Summer Monsoon***”.

55. Participated in Annual Monsoon-2018 workshop and Prof.Dr. Sikka Memorial National Symposium on “**Role of weather & climate observations and forecasting on increasing agricultural productivity & risk management**” on 28-30 March, 2019 organised by Indian Institute of Tropical Meteorology (IITM), PUNE.

2019-2020

56. Organised & Participated in the RUSA Sponsored One day National Workshop on “**Emerging Trends in Renewable Energy Resources**” on 3rd August, 2019 conducted by Department of Physics, Sri Y.N.College, Narsapur.

57. Participated in the RUSA Sponsored One day National Seminar on “**Digitalization-Issues & Challenges**” on 14th November, 2019 conducted by Department of Management Studies, Dr Cs Rao PG centre & IQAC, Sri Y N College, Narsapur and presented a paper on “***Digitalization of Education in India-A new Era***”.

58. Participated in the UGC Sponsored Two Day National Seminar on “**Recent trends and Challenges in Geo-sciences: Sustainable Management of Environment and Geo-Resources**” on 29th and 30th November, 2019 conducted by Department of Geology, Adikavi Nannaya University, Rajamahendravaram, and delivered an invited talk on “***Environmental pollution in India: Causes, effects and Protection***”.

59. Participated in the IMS Sponsored National Symposium on “**Land, Ocean and Atmosphere Interactive Processes in the Context of Weather and Climate**” on 11th -14th December, 2019 organised by Department meteorology & Oceanography, Andhra University, Visakhapatnam, and presented a paper on “**Analysis And Prediction of Thunderstorms over Andhra Pradesh**”.

60. Organised & Participated in the RUSA Sponsored One day National Seminar on “**Recent Trends in Climatic Changes-An Alarming Issue**” on 21st December, 2019 Organised by Department of Physics, Sri Y N College, Narsapur and presented a paper on “*Climatic Changes in India-An Overview*” and “*Climate Change-The Affecting India*”.

2020-2021

61. Participated in the One day **International** webinar on “**Impacts of ICT in Education system**” on 5th June, 2020 Organised by sadar Patel College of administration and management and presented a paper on “*Use of ICT tools during lockdown period*”.

62. Participated in the Two Days **International** Webinar / Virtual seminar on “Environmental issues for India and The World during COVID 19 Times: Threats and Opportunities” Organised by University Department of History Patliputra University, Patna on 5th & 6th June, 2020 and Presented Paper Entitled” **Impact of COVID 19 on Indian Economy.**

63. Participated in One day **National** E-conference on “**Environmental Challenges, problems & remedies**” on 12th June, 2020 organised by Department of geography, Shivshakti arts and Commerce College, Yavatmal.

64. Participated in the **National** level Online Seminar on “**Environmental Degradation and Disasters in India**” on 18th - 19th June, 2020 organised by Department of Geography, Borholla College, Borholla and presented a paper entitled on “*Recent Disasters over India in 2019*”.

65. Participated in one day **International** e-Conference on “**Ethical and Quality Aspects in Nanoscience and Nanotechnology Research**” (ICEQANNR-2020) organized by Department of Physics, Vasant Rao Naik Art's, Commerce and Science College, Shahada in collaboration with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon on 20th June 2020 and presented a paper entitled “*Nanotechnology: Looking at Nanoparticles*”.

66. Participated in **International** E-Conference on “Recent Advances in Physics: A Promise to Society” (IC-RAPPS) 2020 organised by Govt PG college, Bazpur, Uttarakhand on 24-25 June, 2020.

67. Participated in the **International E-Conference On Emerging Advances in Mathematical and Physical Sciences (IECEAMPS)** June 28-30, 2020 Jointly organized By Department of Mathematics and Physics Hindu College, Moradabad presented a paper entitled “**Renewable Energy Resources in India**”.

68. Participated in the **National** Interdisciplinary E-conference on “Covid 19 and Migration” on 5th July, 2020 organised by the Milind College of Arts Nagsenvana, Aurangabad and presented a paper titled “**Imapct of covid 19 on the environment**”.

69. Participated in the **International** Interdisciplinary E-Conference on “**Computer Technology, Commerce & Management Studies (IICCTCMS)**” on 10-11 July, 2020 conducted by PG Department of Computer Science, SNDT Women's University, Mumbai and presented a paper on “**Disaster management in India: Prevention, Mitigation & Preparedness**”.

70. Participated in the **International** Virtual Conference on **Advanced Materials (IVCAM 2020)** held on 14th July 2020 organised by Department of Physics organized K. L. E. Society's Basavaprabhu Kore Arts, Science and Commerce College Chikodi.

71. Participated in the Two Day **International** e – Conference on “Covid 19 Impact on Environment and Human health” on 18th 19th July, 2020 Organised by Department of environmental science, Osmania University, Hyderabad and presented a Paper entitled “**Environmental Impact of COVID 19**”.

72. Participated in the **online International** conference on “**Advanced Materials**” held on 20th July 2020, Organised by IQAC & Department of Physics, K.L.E. Society’s P.C. Jabin Science College, Hubballi, Karnataka and presented a paper entitled “**Role of Nanomaterials in Nanotechnology**”
73. Participated in the **International** Conference (Online) on “**Green Technology & Sustainable Development**” on July 24, 2020 conducted by Jagannath University, Jaipur and presented an abstract on the topic “**Green Energy Technologies**”.
74. Participated In The Three Day **International** Virtual Conference On Impact Of Chemical Disasters On Biota (ICDB- 2020)” on 24th - 26th July 2020 Organised By Andhra University, Visakhapatnam And Andhra Pradesh Akademi Of Sciences. And Presented A Poster Entitled “**Renewable Energy Technologies: Future Roadmap**”.
75. Attending the **International** Conference on “Global Economic Order in the Post-COVID-19 Era: Challenges, Opportunities and Strategies” on July 25, 2020 organised by Under the Aegis of IQAC, Maharaja Agrasen Institute of Management Studies, Delhi and presenting the paper titled “**Higher Education Sector in India in the Post COVID-19 Era: Issues and Challenges**”.
76. Participated in One Day online Interdisciplinary **International** Conference on “The Impact of Globalization on Contemporary Literature, Environment and Society” organized by the Internal Quality Assurance Cell (IQAC), Marutirao Harirao Mahadik Arts & Commerce College, Modnimb, Solapur (Ms), India on 15th July 2020 and presented a research paper entitled “**Role of ICT in Open and Distance mode in Teaching Learning Process**”.
77. Participated in the AICTE Sponsored **International** E- Conference on Innovation in Rural Empowerment, Social Dynamics & Welfare in India on 15th September, 2020 organised by Department of Management Studies, Nandha College of Technology, Erode, Tamil Nadu and presented a paper titled as “**Biodiversity in India: Threats and Conservation**”.
78. Participated in the First **International** Virtual Conference on Nanomaterials, FIVCON-2020, 10th–12th September, 2020 organized by Dept. of Nanotechnology, Acharya Nagarjuna University, Guntur, and presented Poster Presentation entitled “**Positive effect of Nanotechnology on Global Warming**”
79. Participated in Three day **International** e-Conference on Multidisciplinary Education Systems: Transforming India into Digital Economy on 23rd -25th September, 2020 organised by IQAC & Department of Business Management Nizam College, Hyderabad and presented a paper entitled “**Impact of Technology in Teaching Programs**”.
80. Participated in the Two Week Online workshop on “Thin film and Nanomaterials (IWTN - 2021)” organized by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai in Association with Tamilnadu State Council for Science and Technology (TNSCST) during 09.08.2021 - 20.08.2021.
81. Participated in One day Multidisciplinary **International** e-Conference on Ecology, Economy, Emerging technology and People for Sustainable Livelihood in SAARC Countries (EEETPSLSC-2022) on 28th January, 2022 organised by IQAC & Department University of Swabi, Khyber Pakhtunkhwa, Pakistan, department of computer Science and presented a paper entitled “**Climate Change Impacts on Green Energy Technologies**”.

2020-2021 (DURING LACKDOWN PERIOD- Month-wise)
FACULTY DEVELOPMENT PROGRAMMES (FDPs)

MAY: (APV, JRM, LMR, PRK)

01. Participated & completed the **UGC-RUSA Sponsored Seven Day Faculty Development Programme (FDP)** organized by the Department of Web Technology & Department of Electronics Sri Y N College, Narsapur from 10th December, to 17th December, 2019.
02. Participated in 5 days Online International Faculty Development Programme (FDP) on “**Online Teaching tools for video lecturing and Digital e-learning**” on 4th to 8th May, 2020 conducted by IQAC, Sir CR Reddy College, Eluru.
03. Participated in the participated in One Week Faculty Development Program (FDP) on Online Teaching Etiquette and Best Practices from 10-05-2020 to 15-05-2020, Organized by Santhiram Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.
04. Participated in the One Week Faculty Development Program (FDP) on Online Teaching Etiquette and Best Practices from 10-05-2020 to 15-05-2020, Organized by Santhiram Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.
05. Participated In The Participated In National Level Five Day Online Faculty Development Programme (FDP) On “Challenges And Strategies Of Teaching In Post Covid-19”, Conducted And Organized By University College Of Education, Adikavi Nannaya University, Rajamahendravaram In Association With Young Researchers Forum, Mumbai, Maharashtra, India Through Google Meet From 11.05.2020 To 15.05.2020.
06. Participated & completed (Participation Id **AVIFDP1046**) the **International Faculty Development Programme (FDP) on "Research Challenges and Innovations in Renewable Energy Systems"** organized by the Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT from 11-05-2020 to 16-05-2020.
07. Participated in the One Week Online Faculty Development Program (FDP) on Artificial Intelligence from 13th-18th May 2020 Organized by Department of Computer Science & Engineering, Santhiram Engineering College, Nandyal in association with Brain O Vision, Hyderabad.
08. Participated In One Day E-Faculty Development Programme (FDP) On “Learner Autonomy In ESL Classes” Held On 16th May 2020 Organized By Department Of English, Faculty Of Humanities And Science, Dr.M.G.R. Educational And Research Institute, Chennai.
09. Participated in the Online FDP on “**Business Analytics and its applications**” on 18th May, 2020 organised by VIT-AP school of Business, VIT AP University, Andhra Pradesh.
10. Participated in One Week Faculty Development Programme (FDP) on “Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool”. Organized by Electrical and Electronics Engineering Department, VCE. During 25th - 29th May, 2020 in Association with PLEXIM, Switzerland
11. Actively participated and timely submitted all the assignments in the **One Week Faculty Development Programme (FDP) on “ICT based tools and its applications in teaching learning process”** organized by BSVS Educational Learning Centre, Nagpur held during 27th May - 02nd June 2020.
12. Participated In The Three Day National Level Online F Faculty Development Programme (FDP) On “Pedagogy- ETET: Effective Tool For Efficient Teaching” Held During 29th To 31st May 2020 Organised By Dept. of Electronics, Computer Science(UG & PG) And Management Studies, K.G.R.L.College(A)-Bhimavaram.

13. Participated in the five day Faculty development programme (**FDP**) from 30th May to 3rd June, 2020 on the topic “Evolution from Offline to online teaching” organised by Satish Pradhan Dnyanasadana college, Thane.

JUNE: (APV, JRM, LMR, PRK)

14. Participated in Three Day International Webinar - Faculty Development Programme (**FDP**) on Indirect Effects of COVID-19 Outbreak on the Environment and Society organized by the Departments of Zoology, Chemistry and Telugu, JMJ College for Women (Autonomous), Tenali From 10th to 12th June, 2020

15. Participated Workshop **FDP** webinar on “**Experience the cutting edge Elsevier Tools to Pivot your Research**” on 18th June, 2020 conducted by Department of Biotechnology, Karunya Institute of Technology and Sciences in collaboration to Elsevier.

16. Participated in the has participated in One Week International Faculty Development Program (**FDP**) on “Research Strategies and Promotion of Teaching-Learning Process” in June 2020 organized by the Department of English from Bharat Institute of Engineering and Technology (BIET), Hyderabad, Telangana.

17. Successfully Participated “A Three day National Level **FDP** On Online Teaching Using ICT Tools” Organized by Dept Of Electronics & Computer Science in Association With **IQAC**, S V K P & Dr K S RAJU Arts and Science College (A), Penugonda, West Godavari District From 23rd June, 2020 to 25th June, 2020.

CERTIFICATES COURSES: (LMR)

18. Successfully completed the “**Online Teaching Certificate Program (Academic)**” organized by ITEPH (DACG), Lucknow from 27th May – 2nd June 2020

19. Participated in the in the **21 days** online Vinyasa Yoga Programme on the occasion of VI International Yoga Day Celebrations from 21th June to 11th July, 2020, organized by O.Y.S.T.E.R. (Organisation by Youth for Social Transformation and Environmental Recoup).

JULY:

20. Participated in the participated in the UGC (Paramarsh) Online **FDP** on “ICT in Teaching & Evaluation” organized by MSP Mandal’s Shri Shivaji College, Parbhani (Maharashtra) during 13th July – 18th July 2020 and scored 46 out of 50 in the final Online MCQ Test.

21. Successfully completed the National Level One Week Confederated Online Faculty Development Program (**FDP**) on “Orienting Applications & Conceptualized Aspects of Sciences & Humanities” organized by Dept. of Humanities & Sciences from 21st to 25th July, 2020, Balaji Institute of Technology & Science, Warangal Rural, Telangana

AUGUST:

22. Participated in the One Week AICTE sponsored Short Term Training Programme on “**Synthesis characterization and its applications of nanomaterials**” during 24th to 29th Aug, 2020 conducted by centre for Nano science and Technology, JNTU, Hyderabad.

23. Participated in the online Faculty development program (**FDP**) on “**The role of materials Science in Engineering: applications and perspective**” on 3rd -7th August, 2020 conducted by Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad

24. Successfully completed A Five Day Online National level Faculty Development Programme (**FDP**) on “**Characterization of Materials**” held from 3rd to 7th August, 2020, organized by Department of Basic Sciences and HSS, JNTUK-UCEV.

25. Attended Online **FDP** on “**Recent Trends in Physics**” on 31st August-2nd September, 2020 conducted by Department of Science, St. Joseph’s College of Engineering, Chennai.

NOVEMBER:

26. Successfully completing the 21 Days Faculty Development Programme (**FDP**) on “**Adopting to Online Teaching Learning Technologies**” from 16 Nov to 07 Dec 2020 organised by Dr B R Ambedkar University Delhi and Dr B R Ambedkar University Srikakulam.

FROM JUNE, 1999 TO JUNE, 2021

International Journals: 47

Edited Books: 06

International/National seminars: 81

Faculty development Programmes (FDPs): 26

2020-2021 (DURING LOCKDOWN PERIOD- ROUGH WORK)

Chapters in Edited Books & International Journals: (17)

34. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana (2020): *Renewable Energy Resources in India. International Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS-2020), Abstract Book (without ISBN number), Department of Physics and Mathematics, Hindu college, Moradabad, U.P., June 28-30, 2020.*

35. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana (2020): *Environmental Pollution in India. "Ajanta" International Interdisciplinary Quarterly Research Journal, Volume IX, Issue II, April-June, 2020, pp: 135-140, (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).*

36. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr K. Ramnarayana & P Ramakrishna Rao (2020): *Role of Nanomaterials in Nanotechnology. Conference Proceedings of One day online International Conference on Advanced Materials* organised by P.C Jabin Science College, Vidyanagar, Hubballi, Karnataka on 20th July, 2020, pp:228-238. (ISBN: 978-93-540815-5-2)

37. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Role of ICT in Open and Distance Mode in Teaching Learning Process. "Research Journey" International E-Research Journal* (Peer Reviewed & Indexed Journal), Special Issue 249 (A), July, 2020 (E-ISSN: 2348-7143, Impact Factor: 6.625, UGC-CARE Group 'II' Journals list -Serial No.).

38. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Renewable Energy Technologies: Future Roadmap. E-Abstract Proceedings of 3-day International Virtual Conference on Impact of Chemical Disasters on BIOTA (ICDB-2020)* on 24th-26th July, 2020, Organised by Andhra University Visakhapatnam and Andhra Pradesh Akademi of Sciences.

39. J Rama Mohan, Dr.L Malleswara Rao, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Usage of ICT E-Learning tools in Distance Education. E-Proceedings of 2 day International Webinar on Online Programme in Distance Education (OPDE-2020)* on 2nd & 3rd July, 2020 organised by Department of Education, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

40. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2020): *Usage of Carbon Nanotubes in Energy Storage. E-Abstract Book Proceedings (RDMPMC2020)* of National Online Conference on Research and developments in Materials Processing, Modelling and Characterisation 2020 (RDMPMC-2020) on 26th & 27th August, 2020 organised by Department of Metallurgical and Materials Engineering, NIT, Jamshedpur, Jharkhand. (S.No.81)

41. Dr.L Malleswara Rao, J Rama Mohan (2020): *Disaster Management in India: Prevention, Mitigation & Preparedness. Journal of Emerging Technologies and Innovative Research JETIR*, Volume 7, Issue 8, August, 2020 (ISSN: 2349-5162, Impact Factor: 5.87, UGC Journal No. 63975).

42. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2020): *Biodiversity in India: Threats and Conservation. E-Proceedings of International e-Conference on Innovation in Rural Empowerment, Social Dynamics and Welfare in India*, 15th September 2020 organised by Department of Management Studies, Nandha College of Technology, Erode, Tamil Nadu, pp:67 (ISBN: 978-93-877483-6-1).

43. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao, Ch. Sundar Singh & Dr K. Ramnarayana (2020): *Impact of Covid 19 on the Environment. "Ajanta" International Interdisciplinary Quarterly Research Journal*, Volume IX, Issue III, July-September, 2020, pp:25-32 (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).

44. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *A Positive Effect of Nanotechnology on Global Warming. Abstract Proceedings of First International Virtual Conference on Nanomaterials (FIVCON-2020)* on 10th -12th September, 2020 organised by Department of Nanotechnology, Acharya Nagarjuna University, Guntur, pp: 54.

45. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, P Ramakrishna Rao & Dr Ch Kanaka Rao (2020): *Impact of Technology in Teaching Programs. Conference Proceedings of 3 Day International E-Conference On Multidisciplinary Education System (Transforming India Into Digital Economy)*, Divya Lakshmi Publishers and Distributors, Lohia Nagar-Meerut, Edition: 2020, Pp: 95-100 (ISBN: 978-93-90226-05-4).

46. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Role of Yoga in Education and Physical Education. "Ajanta" International Interdisciplinary Quarterly Research Journal*, Volume IX, Issue III, October-December, 2020, pp:141-146 (ISSN: 2277-5730, Impact Factor: 6.399, Peer Reviewed Referred and UGC-CARE Listed Journal-Serial No. 40776).

47. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, & P Ramakrishna Rao (2020): *Impact of Climate Change on Biodiversity in India. "Akshar Wangmay" Peer Reviewed International Research Journal*, Special Issue-I, pp: 38-47, September, 2020 (ISSN: 2229-4929, Impact Factor: 6.2, UGC-CARE Group 'II' Journals list -Serial No. 21259).

Edited Books:

48. Dr.L Malleswara Rao, Dr.APV Appa Rao J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh (2020): *Role of Women in Science and Technology. Chapter-5, Published Book, "Human Rights: Issues, Challenges and Present Status" Anu books, New Delhi*, First published July, 2020 (ISBN: 978-93-90115-16-7).

49. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Higher Education Sector in India in the post COVID 19 Era: Issues & Challenges. Chapter 3, Published Book, Maharaja Agrasen University Publication, New Delhi*, First edition, 2020 (ISBN: 978-81-942547-4-4)

50. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, Ch. Sundar Singh, Dr Ch Kanaka Rao & P Ramakrishna Rao (2020): *Impact of Covid 19 on Education and Economy in India. Chapter 22, Published Book, Likhitha Publications, Kakinada*, First Edition 13th September, 2020 pp: 136-140 (ISBN: 978-81-947061-2-0)

51. Dr.L Malleswara Rao, Dr.APV Appa Rao, J Rama Mohan, P Ramakrishna Rao, Ch. Sundar Singh & KCSV Ramana (2020): *Renewable Energy Resources in India. Chapter 8, Walnut Publication, Bhubaneswar*, First published in 2020, pp: 78-87 (ISBN: 978-893902616-7-3).

52. Dr.L Malleswara Rao, J Rama Mohan, Dr.APV Appa Rao, P Ramakrishna Rao & Ch. Sundar Singh (2021): MOOCs: “A New Era in Online Teaching”. Edited Book”*COVID 19: Pedagogical Issues, Challenges And Opportunities*”. Chapter 2, Adhyayan Publishers & Distributors, New Delhi, First published in 2021, pp: 17-30 (ISBN: 978-93-88804-99-8).

2019-2020 (DURING LACKDOWN PERIOD-Month-wise)

International/National Seminars or Symposiums or workshops: (229)

MAY:

01. Participated in the International Webinar entitled **Women in ‘STEM’** held on **May 23, 2020 (Saturday)** organized by School of Education, Central University of Haryana, Mahendergarh, India.

02. Participated in National Webinar on “**Green Chemistry**” on 20th May, 2020 conducted by Christ Church College, Nagpur.

03. Participated in the One day International Seminar and workshop on “**New challenges and Opportunities in Physical Education, Recreation, Health and Well being, Yoga Psychology, Nutrition, Educational Technology, Environment, Sports Tourism, Marketing, Library and Information science, women Empowerment, Economic growth and Multimedia development-2020**” on 25th -28th May, 2020 conducted by Shri Shivaji College of Physical Education, Amravathi, Maharashtra

04. Participated in the Online National Webinar on “**Data Analysis and Statistical computing**” on 27th May, 2020 organised by Department of Statistics, Institutes of Social Sciences, Dr Bhimrao Ambedkar University, Agra.

05. Participated in One day webinar on “**Therapeutic application Ayurveda, Naturopathy and Homeopathy in covid-19**” on 15th May, 2020 conducted by Department of Botany, Adikavi Nanayya University, Rajamahendravaram.

06. Participated & completed (Participation Id **AVIFDP1046**) the **International Faculty Development Programme (FDP) on "Research Challenges and Innovations in Renewable Energy Systems"** organized by the Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT from 11-05-2020 to 16-05-2020.

07. Participated has participated in the **Seven Day International Webinar on “Survival Strategies for Post COVID –19 Era : Prospective from Science , Technology & Social Science”** organized by Department of Physics, Ewing Christian College (An Autonomous constituent P.G. College of Allahabad University) in Association with Indian Association of Physics Teachers (IAPT)-RC-04(U.P),India.

08. Participated Five Days National Webinar Series On “**The Various Aspects of Covid 19**” held from 20th to 24th May, 2020 organised by Maharashtra Underprivileged Teachers’ Association (MUPTA).

10. Participated in the One Week Online Faculty Development Program (**FDP**) on Artificial Intelligence from 13th-18th May 2020 Organized by Department of Computer Science & Engineering, Santhiram Engineering College, Nandyal in association with Brain O Vision, Hyderabad.

11. Participated in the participated in One Week Faculty Development Program (**FDP**) on Online Teaching Etiquette and Best Practices from 10-05-2020 to 15-05-2020, Organized by Santhiram

Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.

13. Attended one day webinar on “Financial Measures Post COVID-19” hosted by KJEI’s Trinity College of Engineering and Research, Pune-48 in association with an Industry Advisory Board on 23rd May, 2020.

14. Participated in webinar on "Role of us in Academic Planning and Execution in View of COVID-19 Pandemic and Subsequent Lock-down" 09-MAY-2020 organised by K.G.R.L.College (A)-Degree & PG Courses, Bhimavaram.

18. Completion of One week Online International Skill Development program on “**Innovations in Drug Delivery Systems**” on 31st May-5th June, 2020 Organised by Department of Pharmaceutics, Bapatla College of Pharmacy, Guntur in association with Padmavathi MahilaVisvavidyalayam, Tirupati.

19. Participated in the National webinar on “**Impact of covid 19 on environment**” on 25th May, 2020 conducted by Department of zoology, Paliwal College, Shikohabad.

106. Participated in the National webinar on “**covid 19: Sustenance against the pandemic**” on 29th May, 2020 conducted by Department of zoology, Isabella Thoburn college, Luck now.

22. Participated in the Online FDP on “**Business Analytics and its applications**” on 18th May, 2020 organised by VIT-AP school of Business, VIT AP University, Andhra Pradesh.

23. Participated in the International Webinar on “Covid-19: Paradigm Shift in Teaching-Learning & Learner's Physical and Mental Well Being”." on 31st May, 2020 conducted by Under the aegis of Department of Teacher Education (B.Ed.), Physical Education, Psychology & IQAC, Govt. RAZA P. G. College, Rampur, U. P. (India).

24. Successfully completed 6 days online workshop on “Teaching skills and School Internship Program: Invention and Challenges. “on 25-30 May 2020 Organized By Chandravansi B.Ed College, Bishrampur, Palamu (Jharkhand) In Collaboration with Ramchandra Chandravansi University.

25. Participated in the International webinar on “**Covid 19: Unprecedented social cultural and Medical challenges before Humanity**” on 28-29th May, 2020 organised by IQAC, Indira Gandhi Govt PG college, Bangarmau, Unnao, UP.

26. Actively Participated in the National Online Workshop On “ICT Based Teaching in Chemistry” 18th May 2020 Organised By Kasturba Gandhi Degree & PG College for Women West Marredpally, Secunderabad.

27. Participated in the International Webinar on “**Exploring and Understanding COVID-19**” organised by Bhavan's Mehta Postgraduate College, Bharwari, Kaushambi, During May 30-31, 2020.

28. Actively participated in the National Webinar on “**Covid 19- Moving forward from now**” held on May 30th, 2020, Bora Institute of Management Sciences (BIMS), (NAAC GRADE ‘B’ Institute associated with University of Lucknow)

29. Participated in the International webinar on “**Stem Cell Research Sars-Cov2 (Covid-19)**” on 23rd May, 2020 Organised by Department of Biotechnology. Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem, Tamil Nadu.

30. Participated in the International webinar on “**Transgenic Plant Production –Theoretical & Practical approach**” on 18th May, 2020 Organised by Department of Biotechnology. Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem, Tamil Nadu.

38. Successfully Participated in National Webinar on Impact of Covid-19 on State, Individual And Development organised by Dept. of Political Science and IQAC on 29th May 2020 University College of Arts, Tumkur University, Tumakuru, Karnataka - 572103
39. Participated in the Webinar on Intellectual Property Rights: "Current Issues And Challenges" on 26 May 2020 Organized by Department Of Chemistry Adikavi Nannaya University, Rajahmundry in Association with our Staffing Solutions Hyderabad.
40. Participated in the National Webinar on Research Methodology on 21st May, 2020 jointly organised by SVD. Government Degree College (W), Nidadavole, West Godavari district, Andhra Pradesh and Khandesh Chapter of English Language Teachers' Association of India.
45. Participated in the webinar "Guidelines for the management of health and hygiene in COVID-19 pandemic" conducted on 18 May 2020 by the Department Of Biotechnology, SRM Arts and Science College, (Affiliated to the University of Madras) Kattankulathur.
46. Participated in the International Webinar, **DOCTRINA-5** organized by Department of Chemistry & IQAC of Sir Syed College, Taliparamba on 26-05-2020.
47. Participated in the webinar "Guidelines for the management of health and hygiene in COVID-19 pandemic" conducted on 18 May 2020 by the Department of Biotechnology, SRM Arts and Science College, Kattankulathur.
48. Participated in the One Week Faculty Development Program (**FDP**) on Online Teaching Etiquette and Best Practices from 10-05-2020 to 15-05-2020, Organized by Santhiram Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.
49. Participated in the National webinar on "**Demonstration of ICT tools for Teaching Learning and Assessment**" on 15th May, 2020 Organised by DNR College, Bhimavaram.
50. Active participation in the Webinar on "Online Teaching Methods Post COVID-19" Organised by Department of Computer Science (UG & PG) on 20th May, 2020 Sri Y N College, Narsapur.
51. Participated in the 3rd International Webinar "Covid 19: Paradigm Shift in Teaching-Learning & Learner's Physical and Mental Well Being" on 31 May 2020 conducted by Under the aegis of Department of Teacher Education (B.Ed.), Physical Education, Psychology & IQAC and presented the Research Paper/Article entitled "**COVID 19: Use of ICT in Teaching Learning**".
52. Participated in the International Webinar on "Aatmanirbhar Bharat: A Dawn of New Economic Reforms" organized by Mumbai University and College Teachers association (MUCTA), Anna Leela College of Economics and Commerce, Mumbai on 23rd May, 2020.
53. Participated in the Webinar on 'Values of Life' organised by NSS Unit, Shivaji College, University of Delhi held on May 20, 2020.
54. Participated In Webinar on "Intellectual Property Rights for Students" on 20th May 2020 Organized By Department Of Biotechnology, AVIT, Paiyanoor, Chennai.
55. Participated in 5 days Online International Faculty Development Programme (**FDP**) on "**Online Teaching tools for video lecturing and Digital e-learning**" on 4th to 8th May, 2020 conducted by IQAC, Sir CR Reddy College, Eluru.
56. Participated in 5 days Online National Level Online Course on "**Research Methodology**" on 19th to 23rd May, 2020 conducted by Department Business Administration shift I, MAR Gregorios College of Arts & Science, Chennai.
57. Actively participated in the National webinar on "Health, food and Nutrition to encounter covid 19", on 22,23 May 2020 organised by The Department of Biotechnology, Adikavinannaya University, Rajamahendravaram.

59. Actively participated in Online National Webinar entitled **“Smart Tools for Enhancing the Research Skills”** on **28th May, 2020** jointly organized by Department of Library Dr. Babasaheb Ambedkar College of Arts, Commerce & Science, Bramhapuri Yadaorao Poshattiwar Arts College, Talodhi (Balapur).
60. Successfully completed 6 days online workshop on “Teaching skills and School Internship Program: Invention and Challenges.” On 25-30 May, 2020 Organised by Sahdev Chandravansi B.Ed College Bishrampur, Palamu (Jharkhand) (Ramchandra Chandravansi University).
61. participated in National Webinar on “Impact Of COVID-19 On Biodiversity & UNEP’s Tide Turners Plastic Challenge” Organised by Department Of Zoology & Genetics in Collaboration with WWF India, Hyderabad Office, ST. PIOUS X DEGREE & PG COLLEGE FOR WOMEN.
62. Participated in the International webinar on **“Towards excellence in Qualitative Research in Social Work”** on 28th May, 2020 organised by Meston college of education, Tamil Nadu Open University.
63. Participated in a National Level Webinar presented by Mr. Rajesh Dembla titled **“Impact of COVID on Entrepreneurship”** on May 21, 2020 organized by CMS, Jain (Deemed-to-be University).
64. Participated in the five day Faculty development programme (**FDP**) from 30th May to 3rd June, 2020 on the topic “Evolution from Offline to online teaching” organised by Satish Pradhan Dnyanasadana college, Thane.
65. Participated in the webinar on **“Today’s Opportunities for Tomorrow’s technology: A perspective”** on 18th May, 2020 organised by Department of KIT, KIT, Coimbatore.
66. Attended The One Day National Webinar On “Importance Of Computational And Experimental Sciences In Understanding Physics” Organized By Maryam Ajmal Women's College Of Science And Technology (MAWCST), Hojai, Department Of Physics, On 1st September, 2020.
67. Participated in the “International Webinar on Application on Data Science and Applied Statistics” Organized by Society of Education and Council of Research and Sustainable Development on 21st May 2020.
68. Participated in the National Online Webinar on “Education During and After Pandemic COVID-19” on 24th May, 2020 organised by Hope educational society.
69. Participated In One Day E-Faculty Development Programme (**FDP**) On “Learner Autonomy In Esl Classes” Held On 16th May 2020 Organized By Department Of English, Faculty Of Humanities And Science, Dr.M.G.R. Educational And Research Institute, Chennai.
70. Participated In The Participated In National Level Five Day Online Faculty Development Programme (**FDP**) On “Challenges And Strategies Of Teaching In Post Covid-19”, Conducted And Organized By University College Of Education, Adikavi Nannaya University, Rajamahendravaram In Association With Young Researchers Forum, Mumbai, Maharashtra, India Through Google Meet From 11.05.2020 To 15.05.2020.
71. Attending the National Webinar on “Human, Health & Herbs-3H” organized by Mahila Vidyalaya Degree College, Aminabad, Lucknow on 30th May 2020.
72. Actively participated in the online workshop on “Research methodology” Organized by on 28-29th May 2020 conducted by East.
73. Participated In The Three Day National Level Online F Faculty Development Programme (**FDP**) On “Pedagogy- ETET: Effective Tool For Efficient Teaching” Held During 29th To 31st May 2020 Organised By Dept. of Electronics, Computer Science(UG & PG) And Management Studies, K.G.R.L.College(A)-Bhimavaram.

74. Participated in the National webinar on **“The reverse migration in covid 19 pandemic period: non traditional security Threats and challenges of India”** on 20th May, 2020 organised by Defence Studies, Hindu college, Moradabad.

75. Participated in One Week Faculty Development Programme (FDP) on **“Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool”**. Organized by Electrical and Electronics Engineering Department, VCE. During 25th - 29th May, 2020 in Association with PLEXIM, Switzerland

76. Participated in the National webinar on **“world’s largest lockdown impact on air pollution in India”** on 31st May, 2020 conducted by Department of physics and chemistry, Ch.S.D.St Theresa’ college for women, Eluru.

77. Participated in a National Level Webinar presented by Mr. Rajesh Dembla titled **“Impact of COVID on Entrepreneurship”** on May 21, 2020 organized by CMS, Jain (Deemed-to-be University).

78. Participated in the participated in the webinar on **“Computational Electromagnetic techniques for different RF Microwave and Millimeter - wave Application”** held on 25.05.2020 organised by Department Of Electronics & Communication Engineering, Gayatri Vidya Parishad College For Degree & P.G. Courses (A), Rushikonda, Visakhapatnam.

2020-2021

JUNE 2020:

79. Participated in one day International e-Conference on **“Ethical and Quality Aspects in Nanoscience and Nanotechnology Research” (ICEQANNR-2020)** organized by Department of Physics, Vasantrao Naik Art’s, Commerce and Science College, Shahada in collaboration with Kavayitri Bhahinabai Chaudhari North Maharashtra University, Jalgaon on 20th June 2020 and presented a paper entitled **“Nanotechnology: Looking at Nanoparticles”**.

80. Participated in the **International E-Conference On Emerging Advances in Mathematical and Physical Sciences (IECEAMPS)** June 28-30, 2020 Jointly organized By Department of Mathematics and Physics Hindu College, Moradabad presented a paper entitled **“Renewable Energy Resources in India”**.

81. Participated in the International Webinar on **“Opportunities in Higher Education through Online Platform during Pandemic Time”** Organized by IQAC Cell of Government Girls College, Betul, Madhya Pradesh, India on 20th June 2020.

82. Participated in the One day International webinar on **“Coping with Higher Education, research and Employability during and after Pandemic”** on 28th June, 2020 organised by IQAC, A.N.S. Barh collaboration with Otermans Institute, London.

83. Participated in the Two day International Webinar on **“Health, Environment & Educational Aspects of covid-19”** on 15th 16th June, 2020 conducted by Department of Botany & IQAC, Andhra Christian College, Guntur and presented a paper on **“Digitalization of Education in India-A new Era”**.

84. Participated in the International Webinar entitled **Women in ‘STEM’** held on **May 23, 2020 (Saturday)** organized by School of Education, Central University of Haryana, Mahendergarh, India.

85. Actively participated and timely submitted all the assignments in the **One Week Faculty Development Programme (FDP) on “ICT based tools and its applications in teaching learning process”** organized by BSVS Educational Learning Centre, Nagpur held during 27th May - 02nd June 2020.

88. Participated in the National Seminar on **“Emotional Management”** on 13th June, 2020 conducted by Department of Psychology, Rajaram College, Kolhapur.
89. Participated in the National Webinar on "ICT Enabled Teaching, Learning and Evaluation of English Language & Literature" organized by the Department of English and IQAC, Noble College (A), Machilipatnam on 05th June, 2020.
90. Participated in the One Day National Webinar On "Rain Water Harvesting In Extreme Weather Conditions" on 12th June, 2020 Organised By Department of Physics in Association With IQAC, MVN,JS & RVR College of arts and Science, Malikipuram.
91. Participated in the International Webinar on Urban Air Quality Assessment Using a Mathematical Model organised by IQAC & Department of Mathematics, Sri Kanyaka Parameswari College of Arts & Science for Women, Chennai on 5th June 2020.
93. Participated in the Participated in One Day Webinar in **“ICT TOOLS”** on 29-06-2020 Organised by the Department of Computer Science in association with IQAC, SCIM Govt. Degree College, Tanuku.
94. Participated Workshop **FDP** webinar on **“Experience the cutting edge Elsevier Tools to Pivot your Research”** on 18th June, 2020 conducted by Department of Biotechnology, Karunya Institute of Technology and Sciences in collaboration to Elsevier.
95. Participated in the International webinar on **“COVID-19: challenges & opportunities for Sustainable Environmental development”** on 05-07 June, 2020 on occasion of World Environmental Day organised by Department of Environmental science, AKS University, Satna.
96. Participated in the 4 days National webinar on **“Research-Innovation-Incubation”** on 1st – 4th June, 2020 organised by Institution’s Innovation Center, Career Point University, Hamirpur.
97. Attended the International Webinar on **“Challenges and Opportunities for Business and Economies Worldwide, Post Covid-19”** on 07 June 2020 organised by Under the aegis of Department of Commerce, Economics & IQAC, Govt. Raza P. G. College, Rampur, U. P. (India).
98. Participated in the International Symposium on **“Environment Vedic wisdom”** on 5th-6th June, 2020 conducted by JPV arts & Commerce & Shri VKK science college Dhandgoan, Maharashtra.
99. Participated in the National Webinar on **“Soft Skills”** organised by Government Degree College, Ichapuram, Srikakulam district, Andhra Pradesh on 7th June, 2020.
101. Attended in One day National webinar on **“Perspectives’ on the corona virus crisis”** on 29th June, 2020 conducted by Department of Physics, Hindu College, Guntur.
102. Participated in the One Day Webinar in **“ICT TOOLS”** on 29-06-2020 Organised by the Department of Computer Science in association with IQAC organised by SCIM Govt Degree College, Tanuku.
103. Participated in the One day National Webinar on **“Radiation Processing of Food Materials”** on 19th June, 2020 Organized by the Department of Physics & IQAC, St. Joseph’s College for Women (A), Visakhapatnam, Andhra Pradesh.
104. Participated in the has participated in One Week International Faculty Development Program (**FDP**) on **“Research Strategies and Promotion of Teaching-Learning Process”** in June 2020 organized by the Department of English from Bharat Institute of Engineering and Technology (BIET), Hyderabad, Telangana.
110. Participated in A One Day Online Workshop on **“Response of Coastal Structures against Earthquakes and Tsunamis”** **“organized By Department of Civil Engineering, Ramachandra College of Engineering on 03rd June, 2020.**

113. Actively participated in National level Webinar on “Current Trends in Research” held on 16th June 2020 jointly organized by Department of Commerce and IQAC, Shripatrao Kadam Mahavidyalaya Shirwal, Tal.Khandala, Dist. Satara.
115. Successfully Participated in “National Webinar On Teaching, Learning And Evaluation in Post Covid Era -Introduction To Google Classroom” Organized By Dept Of Physics & Mathematics, S V K P & Dr K S Raju Arts And Science College (A), Penugonda, West Godavari District on 2th June, /2020.
118. Successfully Participated “A Three day National Level **FDP** On Online Teaching Using ICT Tools” Organized by Dept Of Electronics & Computer Science in Association With **IQAC**, S V K P & Dr K S RAJU Arts and Science College (A), Penugonda, West Godavari District From **23/06/2020** to **25/06/2020**.
119. Participated In The One Day National Webinar On “Digital Parenting” Delivered By Mr. Anil Rachamalla, Founder Of End Now Foundation, Hyderabad. Held On 1st June, 2020 organised by VSR & NVR College, Tenali.
120. Participated in the Webinar on “Post Covid Challenges to Human Beings” organized by Department of Botany, Microbiology & Horticulture through video conference, Pithapur Rajah’s Government College Kakinada held on 04th June 2020.
121. Participated in the International Webinar on “Nano-materials and Detection Technique of COVID-19” on 07 June, 2020 Organized by Department of Physics, Babu Shivnath Agrawal (P.G.) College, Mathura (U.P.) India
122. successfully attended National level Webinar entitled on “Bio-Nanocomposite Material Applications in Biosensors” organized by Department of Physics, Acharya Institute of Graduate Studies on 24th July 2020.
123. Participated in the International Webinar on “**Covid 19: pandemic: Its Impact on Environment, Health and Education**” on 10th June, 2020 organised by Department of Zoology and Autonomous cell, Govt PG college, Datia.
125. Successfully completed One Week Online Workshop on National ‘Interdisciplinary Research Methodology, ICT Application & Innovations in Teaching Learning Process’ organized by St. Francis De Sales College, Nagpur from June 08 to 12, 2020.
126. Participated in the Two Days International Webinar / Virtual seminar on “Environmental issues for India and The World During COVID 19 Times: Threats and Opportunities” Organised by University Department of History Patliputra University, Patna on 5th & 6th June, 2020 and Presented Paper Entitled” **Impact of COVID 19 on Indian Economy**.
127. Participated in the national Webinar on “Impact of Covid 19 on Indian Economy” Organised by Indian accounting association Gwalior Branch on 7th & 8th June, 2020.
128. Successfully participated in the International Virtual Conference on "Role of Technology in the Era of Covid-19 for Education” Organized by Uttarakhand Science Education & Research center during June 7 to June 8, 2020.
129. Actively participated in the National webinar on “Role of Science and Technology in present scenario: A sustainable development of the nation”, organised by The Department of Physics, Bareilly College, Bareilly, UP. India.
131. Participated in the National Webinar on Recent Advances in Physics organised by the Department of Physics and IQAC, Government College for Men, Kurnool on 10/6/2020.
132. successfully participated in the chemistry webinar “Advanced Energy Sources For Future Generations” conducted on 08-06-2020 organised by Smt Danamma Channabasaviah College Of Arts Commerce Science and Management Studies Kodiramasandra ,by-Pass,Kolar.

133. Successfully participated in the Two Day National Webinar (**Faculty Development Programme**) from 05.06.2020 to 06.06.2020 entitled Analytical and Diagnostic Tools in Chemical and Life Sciences organised by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences.
134. Participated in Three Day International Webinar - Faculty Development Programme (**FDP**) on Indirect Effects of COVID-19 Outbreak on the Environment and Society organized by the Departments of Zoology, Chemistry and Telugu, JMJ College for Women (Autonomous), Tenali From 10th to 12th June, 2020
135. Successfully participated in the National Webinar on “Mental Health and Stress Management during Covid-19 Pandemic” Organized by- Ramchandra Chandravansi University, on 30th June 2020.
136. Participated in the RUSA National Webinar on “Nanostructured Materials for Controlling the Flow of Light” Organised by Department of Physics & Department of Electronics, Sri Y N College, Narsapur on 5th June, 2020.
137. Participated in the National Webinar on “Recent Perspectives in the Research of Indus Civilization” Organised by the Department of History & Tourism in association with IQAC, Sri Y N College, Narsapur on 11th June, 2020
138. Participated in the National Webinar on “Applications of Chemistry: Soldier & Society” Organised by Department of Chemistry (UG & PG) in association with IQAC, , Sri Y N College, Narsapur on 9th June, 2020.
139. National Webinar on “Intellectual Property Rights: The Academic Perspective” Organised by the Department of Commerce in association with IQAC, Sri Y N College, Narsapur on 15th June, 2020.
141. Participated in the webinar on “**Care to Biodiversity**” on 5th June, 2020 World Environmental Day) organised by ENVIS Resource Partner on Environmental Biotechnology, University of Kalyani,
142. Participated in the One day National Seminar on “**Digitalization-Issues & Challenges**” on 4th June, 2020 organised by Rajarshi Shahu Parbani (MS).
143. Participated in One day National E-conference on “**Environmental Challenges, problems & remedies**” on 12th June, 2020 organised by Department of geography, Shivshakti arts and Commerce College, Yavatmal.
144. Participated in the in the 21 days online Vinyasa Yoga Programme on the occasion of VI International Yoga Day Celebrations from 21th June to 11th July, 2020, organized by O.Y.S.T.E.R. (Organisation by Youth for Social Transformation and Environmental Recoup).
145. Participated in the National level Online Seminar on “**Environmental Degradation and Disasters in India**” on 18th - 19th June, 2020 organised by Department of Geography, Borholla College, Borholla and presented a paper entitled on “**Recent Disasters over India in 2019**”.
146. Participated in International E-Conference on “Recent Advances in Physics: A Promise to Society” (IC-RAPPS) 2020 organised by Govt PG college, Bazpur, Uttarakhand on 24-25 June, 2020.
147. Participated in One Day International Webinar on “Nanomaterials for Smart and Sustainable Energy Solutions” organized b y Department of Physics in association with IQAC held on Monday, June 8, 2020.
148. Participated in the International Conference on the web on “**covid 19: roadmap to future environment**” on 5th June, 2020 organised by Department of botany, St.John’s college, Agra

149. Phenomenally participated in the Physics Webinar "Extension of Modern Periodic Table towards Super heavy Metals – Indian Perspective" occurred on 17-06-2020. Smt Danamma Channabasaviah College Of Arts Commerce Science and Management Studies Kodiramasandra, Kolar.

150. Participated in the National webinar on “**effect of covid 19 on environment and education system**” on 3rd 4th June, 2020 conducted by pt Deen Dayal Upadhaya Rajikiya mahila Snaktkottar Mahavidyalaya. Rajajipuram Lucknow.

151. Participated in the International Webinar Covid-19 And Self-Dependent Bharat: Concepts, Aspects, And Prospects Organised By ML & JNK Girls College, Saharanpur, *U.P., India* on June 6 And 7, 2020 and Presented A Paper On The Topic “**Online Education In India During Covid 19 Pandemic**”.

152. Participated in the One day International webinar on “**Impacts of ICT in Education system**” on 5th June, 2020 Organised by sadar Patel College of administration and management and presented a paper on “**Use of ICT tools during lockdown period**”.

153. Successfully completed the “**Online Teaching Certificate Program (Academic)**” organized by ITEPH (DACG), Lucknow from 27th May – 2nd June 2020.

JULY:

154. Participated in the Web Session of Economists Speak by Dr. Homagni Choudhury, Head, Department of Economics, Kingston University, London, U.K. on "**A tale of two Indias : Are the best leaving behind the rest ?**", held on July 30, 2020, organized by the Department of Economics, University of Allahabad, India.

155. Participated in the International webinar on “**Energy & Environment**” on 13th & 14th July, 2020 conducted by Department of Chemistry, Govt Maharani Laxmi Bhai Girls PG College, Indore.

156. Participated in the participated in the UGC (Paramarsh) Online **FDP** on “ICT in Teaching & Evaluation” organized by MSP Mandal’s Shri Shivaji College, Parbhani (Maharashtra) during 13th July – 18th July 2020 and scored 46 out of 50 in the final Online MCQ Test.

157. Participated in the International Virtual Conference on **Advanced Materials (IVCAM 2020)** held on 14th July 2020 organised by Department of Physics organized K. L. E. Society’s Basavaprabhu Kore Arts, Science and Commerce College Chikodi.

158. Participated in the webinar on “**smart engineering materials & applications**” on 12th July, 2020 conducted by Department Science and Humanities & MPEC forum, SRM-Institute of Science and Technology, Kanchipuram, Chennai.

159. Participated in the online International conference on “**Advanced Materials**” held on 20th July 2020, Organised by IQAC & Department of Physics, K.L.E. Society’s P.C. Jabin Science College, Hubballi, Karnataka and presented a paper entitled “**Role of Nanomaterials in Nanotechnology**”

160. Participated in the participation in the webinar on “Laser Materials Processing For Engineering Applications” presented by Lt.Dr.A.Viswanathan (Assistant Professor,Department of Physics, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli.) organized by Department of Physics, in association with Institution’s Innovation Council of Francis Xavier Engineering College, on 17th July,.2020

161. Participated in the International Webinar on "Super continuum Lasers: An Ingenious Toolbox for Multi-Spectral Biomedical Applications" hosted by the Department of Electronics and Communication Engineering, Nalla Narasimha Reddy Group of Institutions, Ghatkesar, Hyderabad on 01st July, 2020.

162. Actively participated in a Webinar on “**Renewable Sources of Energy**”, jointly organized by Department of Electrical and Electronics Engineering, Technology Centre for Renewable Energy, MSAJCE and WePOWER Programme (Supported by World Bank Group on Energy and Extractives), Mohamed Sathak A J College Of Engineering, Chennai on 11th July, 2020.
163. Participated in Webinar on “**Tribological and Rheological Properties of Nano-fluids**” on 28th July, 2020 Organised by PRATAP UNIVERSITY.
164. Participated in the participated in Two Days National Webinar on “**Biodiversity Conservation and its Management** ” organized by Zoology and Biotechnology Department of Government Girls’ P.G. College, Ujjain (M.P.), in collaboration with **Zoological Society of India (ZSI)** and **Society of Life Sciences (SLSc)** on 15th & 16th July 2020.
165. Participated in the International Conference (Online) on “**Green Technology & Sustainable Development**” on July 24, 2020 conducted by Jagannath University, Jaipur and presented an abstract on the topic “**Green Energy Technologies**”.
166. Successfully completed the National Level One Week Confederated Online Faculty Development Program (**FDP**) on “Orienting Applications & Conceptualized Aspects of Sciences & Humanities” organized by Dept. of Humanities & Sciences from 21st to 25th July, 2020, Balaji Institute of Technology & Science, Warangal Rural, Telangana.
167. Participated in One day National webinar on “**Indian Culture and Modern Science**” held on 25th July, 2020 conducted by Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata.
169. attended the webinar on ‘**Recent trends in Material Science**’ organized by Department of Physics and IQAC, D. B. J. College, Chiplun on 2nd July 2020.
170. Participated in the International Interdisciplinary E-Conference on “**Computer Technology, Commerce & Management Studies (IICCTCMS)**” on 10-11 July, 2020 conducted by PG Department of Computer Science, SNDT Women’s University, Mumbai and presented a paper on “**Disaster management in India: Prevention, Mitigation & Preparedness**”.
171. Participated in A Two-Day National Online Workshop on 'Effective Online Teaching Aids for Environmental Studies' organized by the Department of Environmental Studies, S K Somaiya College of Arts, Science & Commerce, Vidyavihar, Mumbai on 17th & 18th July 2020.
173. Awarded for the participation in webinar on “Computer Aided Drug Designing: State of the art and tool for drug discovery” on 11th July, 2020 conducted Gyani Inder Singh Institute of professional Studies, Dehradun.
174. Participated in the National Interdisciplinary E-conference on “Covid 19 and Migration” on 5th July, 2020 organised by the Milind College of Arts Nagsenvana, Aurangabad and presented a paper titled “**Imapct of covid 19 on the environment**”.
175. Participated in the National webinar on “Re-evaluating the protest Literature” on 16th July, 2020 organised by the Milind College of Arts Nagsenvana, Aurangabad
176. Participated in the National webinar on “Role of Government Pandemic situation to empower the depressed classes” on 18th July, 2020 organised by the Milind College of Arts Nagsenvana, Aurangabad
177. Participated in the National webinar on “NAACs Assessment Accreditation process-An Overview” on 25th July, 2020 organised by the Milind College of Arts Nagsenvana, Aurangabad.
178. Participated in the National webinar on “Covid 19 and the Climate Changes” on 24th July, 2020 organised by Department of Geography, the Milind College of Arts Nagsenvana, Aurangabad.

179. Participated in the National webinar on “Stress Management during covid 19 and lockdown” on 23rd July, 2020 organised by Department of Psychology, the Milind College of Arts Nagsenvana, Aurangabad.

180. Participated in the International Virtual conference on “Physical fitness and Yoga-A remedy to covid 19” on 26th July, 2020 organised by Department of Physical Education and sports, The Tamil Nadu Dr Ambedkar Law University, Chennai.

181. Participated in National Webinar on ‘Scientific Research and Technological Perspective during Covid-19 Pandemic Situation’ held during 24th July -26th July, 2020 organised by School of Life Sciences & School of Nano-Sciences, Central University of Gujarat, in collaboration with Gujarat Technical University & Students for Holistic Development of Humanity (SHoDH).

182. Participated in the ten-day online International Symposium on “Thought-Experimentation in Humanities, Science and Science Fiction” organized by the college as a part of the special mission to inculcate scientific, democratic, humane and literary values among the students, teachers and society on the occasion of the Golden Jubilee Ceremony Year, Shri Muktanand College, Gangapur Dist. Aurangabad (MS) during 21-30 July, 2020.

183. Participated In The Three Day International Virtual Conference On Impact Of Chemical Disasters On Biota (ICDB- 2020)” on 24th - 26th July 2020 Organised By Andhra University, Visakhapatnam And Andhra Pradesh Akademi Of Sciences. And Presented A Poster Entitled **“Renewable Energy Technologies: Future Roadmap”**.

184. Participated in the Two Day International e – Conference on “Covid 19 Impact on Environment and Human health” on 18th 19th July, 2020 Organised by Department of environmental science, Osmania University, Hyderabad and presented a Paper entitled **“Environmental Impact of COVID 19”**.

185. Actively participated in the webinar on “Impact of Climate Change on Biodiversity in India” Organized by STLLES India, New Delhi and EcoR Foundation, Kochi on July 15, 2020.

186. Attending the International Conference on “Global Economic Order in the Post-COVID-19 Era: Challenges, Opportunities and Strategies” on July 25, 2020 organised by Under the Aegis of IQAC, Maharaja Agrasen Institute of Management Studies, Delhi and presenting the paper titled **“Higher Education Sector in India in the Post COVID-19 Era: Issues and Challenges”**.

187. Participated in One Day online Interdisciplinary International Conference on “The Impact of Globalization on Contemporary Literature, Environment and Society” organized by the Internal Quality Assurance Cell (IQAC), Marutirao Harirao Mahadik Arts & Commerce College, Modnimb, Solapur (Ms), India on 15th July 2020 and presented a research paper entitled **“Role of ICT in Open and Distance mode in Teaching Learning Process”**.

188. Participated in the Two Day International Webinar on “Online Programme in Distance Education (OPDE-2020) ” held during 2-3 July, 2020 organized by the Department of Education, Centre for Distance Education, Bharathidasan University, Tiruchirappalli-24, Tamil Nadu, India and presented a paper entitled “ Usage of ICT e-learning tools in Distance Education ”.

190. Participated in the One day National webinar on **“Novel materials-a road forward”** on 23th July, 2020 conducted by Department of physics, V.K.V.govt degree college Kothapeta.

AUGUST:

191. Participated in the One Week AICTE sponsored Short Term Training Programme on **“Synthesis characterization and its applications of nanomaterials”** during 24th to 29th Aug, 2020 conducted by centre for Nano science and Technology, JNTU, Hyderabad.

192. Participated in the online Faculty development program (FDP) on “**The role of materials Science in Engineering: applications and perspective**” on 3rd -7th August, 2020 conducted by Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad
193. Participated in the One day National webinar on “**Recent trends in Indian Economy: challenges & Revival measures**” on 26th August, 2020 conducted by Department of Economics, Adikavi Nanayya University MSN Campus, Kakinada.
194. Participated in the One day National webinar on “**Lecture Capture Mechanism**” on 25th August, 2020 organised by KGRL College, Bhimavaram.
198. Participated in the TEQIP-III sponsored three days National Webinar/Video workshop on “Transforming Pedagogy in India” during 1st – 3rd August, 2020 organised by NIT Jamshedpur.
199. Participated in the Webinar On “Generation Z: Demystified on 21 August 2020 organised By Pratap University.
200. Actively participated in A National Level Webinar on “Surface Characterization using X-ray Photoelectron Spectroscopy (XPS)” by Dr. Sreedhar Bojja, Senior Principal Scientist, CSIR-IICT, Hyderabad, held on 22nd August 2020, organized by Department of Basic Sciences and HSS, JNTUK-UCEV.
201. Participated In One Day “Interdisciplinary National Webinar Commemorating Hiroshima-Nagasaki Day” Jointly Organized By Departments of Physics And History, Government Degree College, Ravulapalem, East Godavari District, Andhra Pradesh on 09-08-2020.
202. Successfully completed A Five Day Online National level Faculty Development Programme (FDP) on “**Characterization of Materials**” held from 3rd to 7th August, 2020, organized by Department of Basic Sciences and HSS, JNTUK-UCEV.
203. Participated in the One Day National Webinar on Impact of COVID-19 on Human Relations, organized Department of Political Science, DNR Govt Degree college for Women, Palakollu on 12th August, 2020.
204. Attended Online FDP on “**Recent Trends in Physics**” on 31st August-2nd September, 2020 conducted by Department of Science, St. Joseph’s College of Engineering, Chennai.
205. Attended five day e-workshop on “**Emerging applications of Nanotechnology**” on 10th to 14th August, 2020 organised by Department of Biotechnology and Department of Chemistry, Ramaiah Institute of technology, Bangalore, Karnataka.
206. participated in a one day national online webinar on “New Paradigms of Security in the Internet of Things (IoT)” organized by the Department of Computer Science & Applications, Government Degree College, Ravulapalem, East Godavari District, Andhra Pradesh on 30 August 2020.
207. Participated in the two day state level workshop on “**Learning Management systems an introduction to google classroom**” on 1st 2nd August, 2020 conducted by VSM college, Ramachandrapuram.
208. Participated in National webinar on “**nano physics**” on 29th August, 2020 conducted by Department of physics, Government degree College, Razole.
209. Participated in the one day Interdisciplinary National e-conference on “**Role of holistic approaches to yoga during covid 19**” on 29th August, 2020 conducted by Seth Kesarimal Porwal College of arts and science and commerce, Kmpatee.

SEPTEMBER:

210. Participated In One Day Online Interdisciplinary International Conference On Environmental Changes, Biodiversity And Sustainable Resource Management Organized By The Dept. Of Geography & IQAC, Santosh Bhimrao Patil Arts, Commerce And Science College,

Mandrup (Ms) On 10th September 2020, As A Key-Note Speaker/Resource Person/Chair Person/ Participant and Presented A Research Paper Entitled “Impact Of Climate Change On Biodiversity In India”.

211. Participated in the AICTE Sponsored International E- Conference on Innovation in Rural Empowerment, Social Dynamics & Welfare in India on 15th September, 2020 organised by Department of Management Studies, Nandha College of Technology, Erode, Tamil Nadu and presented a paper titled as “ **Biodiversity in India: Threats and Conservation**”.

212. Successfully completed Two Day National Level Online Workshop on Insightful Rudiments of Originating Google Forms & Generating Certificates- A Horde of Approaches Adaptable for Online Academic Motives on 25 & 26 September, 2020 organized by Department of Humanities & Sciences, Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana.

213. Participated in the First International Virtual Conference On Nanomaterials, FIVCON-2020, 10th–12th September, 2020 organized by Dept. of Nanotechnology, Acharya Nagarjuna University, Guntur, and presented Poster Presentation entitled “**Positive effect of Nanotechnology on Global Warming**”

214. Participated in the Three day International online workshop on “Capacity Building and Redesigning the Learning & Research Aptitudes” on 5-7 September, 2020 organised by Maryam Ajmal women’s college science and technology, Hojai.

215. Participated in Three day International e-Conference on Multidisciplinary Education Systems: Transforming India into Digital Economy on 23rd -25th September, 2020 organised by IQAC & Department of Business Management Nizam College, Hyderabad and presented a paper entitled “*Impact of Technology in Teaching Programs.*”

2019-2020 (DURING LOCKDOWN PERIOD-Month-wise)

International/National Quiz (42)

MAY:

01. Participated in the online quiz competition on covid-19 awareness on 23rd May, 20120 conducted by Department of BCA, Dr VR Godhaniya IT College, Gujarat.

02. Completed the E-Quiz on "Revised Accreditation Framework of NAAC" with the passing score of 73%. E-Quiz Date:18-05-2020 to 20-05-2020 Certificate ID: I6R6TK-CE000632 Organised by Arumugan Pillai Seethai Ammal college, Tiruppattur, Tamil Nadu.

03. Participated and performed excellent in online quiz on “Basics in civil Engineering “Organized by Ramachandra college of Engineering, Eluru on 30th May 2020.

04. Participated in the actively participated & excellently performed in the “COVID-19 Online Awareness Quiz” on 19th May, 2020 & secured 100% .Organised by Post-Graduate Department of Botany, Andhra Loyola College, Vijayawada.

05. Participated in the completed an Online Faculty Awareness Program on “**Research Methodology**” organized by Department of Mechanical Engineering, Rajgad Dnyanpeeth’s Shri Chhatrapati Shivajiraje College of Engineering, Pune-412206 during the period of 20th – 25th May, 2020 with a score of **89%**.

06. Participated in Online Quiz on “**covid-19**” on 4th June, 2020 conducted by Department of Library and Information science, Babu Shivnath Agrawal Mahavidyalaya , Mathura.

07. Participated and successfully completed Quiz on Covid-19 Awareness conducted by Akshaya College of Engineering and Technology in Association with Rotary club of Coimbatore Heritage, to create an awareness in the community about the pandemic caused by the Covid-19.

08. Participated and successfully completed "**Electronic Science Quiz**" organized by the Department of Electronic Science, SSR College of Arts, Commerce & Science Silvassa on 29th May, 2020.

09. Successfully completed an Online Faculty Awareness Program on "**Research Methodology**" organized by Department of Mechanical Engineering, Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Pune-412206 during the period of 20/05/2020 to 25/05/2020 with a score of **50%**.

10. Attempted and scored 100% in "National level covid 19 awareness online exam" on 21st – 30th May, 2020 organised by Unnat Bharat Abhiyan, MHRD and A R Kalsekar Polytechnic, New Panvel.

11. Successfully completed an Online Faculty Awareness Program on "**Statistics**" organized by Department of Statistics, Maharaja's College, Vizianagaram on 24th May, 2020 with a score of **100%**.

12. Participated in the Online Mock Test on NET/SET Paper - I Organized by Department of Commerce and Internal Quality Assurance Cell, Shri Rajasthani Seva Sangh's Smt. Parmeshwaridevi Durgadutt Tibrewala Lions Juhu College of Arts, Commerce and Science Mumbai on 26-5-2020 and Scored 76%.

13. Participated in the National Level Online Quiz on **Yoga** Organized By NSS Unit & Dept. of Physical Education, SCNR Govt Degree College, Proddatur, YSR Kadapa on 18th June, 2020.

36. Successfully Completed The National Level Quiz Competition On Computer Fundamentals & Ms Office Tools (Word, Excel, PPT) on 28th May, 2020 Organised By Department Of Computer Science, Siddhartha College Of Arts & Science::Vijayawada

14. Participated in National level online Quiz competition on organized by IQAC & Women development cell, Sir CR Reddy College, Eluru on 30th May, 2020 **and** scored 50%.

15. Participated in National level online Quiz competition on organized by Department of mathematics, SKBR College, Amalapuram, Sir CR Reddy College, Eluru on 25th May, 2020 **and** scored 55%.

16. Successfully Qualify in the "**COVID-19 Awareness Quiz**" on 24th May, 2020 Organised by Department of Zoology, Bipin Bihari College, Jhansi, Uttar Pradesh (India).

17. Successfully completed the National Level Technical Quiz organised by Department of Computer Science (MCA Programme, S V K P & Dr K S RAJU Arts and Science College(A), Penugonda, West Godavari District on 30-5-2020

18. Successfully Participated in Online Awareness Programme During The Lockdown Period of Covid-19 in the Month Of May 2020 Organized By Department Of Mathematics, Silver Jubilee Government College (A) Kurnool (A.P).

19. Participated in the Online Quiz for "**Covid-19 & Microsoft Office Tools- Word & Excel**" which was conducted by Jawahar Knowledge Center of Silver Jubilee Govt. College (A), Kurnool on **30 May 2020**.

JUNE:

20. Participated in National level online Quiz programme on "**Basic principles of Physics**" organized by IQAC & Department of Physics, Sir CR Reddy College, Eluru on 06th -12th June, 2020.

21. Participated in the National Online Quiz on "Internet of Things" Organised by Department of Electronics & Department of Physics in association with IQAC from 9th to 15th June, 2020 and Secured 64% Score. Sri Y N College, Narsapur.

22. Participated and Performed Excellent in “National level E-quiz on ‘Business and Management’ Organised by Dept of MBA Ramachandra College of Engineering, Eluru on 2nd June, 2020.
23. Participated and passed at Online Quiz competition in General Physics organised by Department of Physics, SVRMC, Nagaram on 18th June, 2020 and secured 100%.
24. Participated in the Online International COVID-19 Awareness Quiz 2020 & successfully qualified it to be a part of an initiative and effort to become a Global Corona Warrior on 11th June, 2020 and secured with score 68%. Organised by Department of Commerce, Rajiv Gandhi University, Papumpale, Arunachal Pradesh.
25. Actively Participated and successfully passed online knowledge Quiz organized by Department of Economics Shri Sant Shankar Maharaj Arts & Commerce College, Pimpalkhuta, Amravati.
26. Actively participated and accomplished online quiz competition organized by Department of Physics, Shri Muktanand College, Gangapur, Dist. Aurangabad, Maharashtra during COVID-19 outbreak
27. Participated in the online quiz based on the webinar ‘COVID-19 and Maslow’s Hierarchy of Needs: How is Our Motivation Changing?’ organized by Research & PG Department of Commerce, MES Asmabi College, P Vemballur, Kodungallur with a score of **70%**.
28. Successfully completed online quiz on “Deep Learning” with score 100%, organized by Dept. of Computer Engineering, MET’s, Institute of Engineering, Adgaon, Nashik-03 from 3rd to 6th June, 2020.
29. Actively participated in online quiz on Environment, jointly organized by IQAC and NSS, Kunwar Singh College, Laheriasarai, Darbhanga on 3-6-2020.
30. Participated in the Online quiz on the occasion of World Environment Day conducted by the Department of Botany, Andhra Christian College, Guntur, on 05th June, 2020.
31. Successfully completed Refresher Quiz on Outcome Based Education & Accreditation (NBA & NAAC) Conducted Online By Department of Information Technology, Shri Sant Gajanan Maharaj College of Engineering, Shegaon on 1st June, 2020.
32. Completed the National level Online Quiz Programme on “Cyber Secutity” conducted by Department of Computer science, SIR C R Reddy College, Eluru on 1st June, 2020 and secured with 55%.
33. Completed the National level Online Quiz Programme on “Programming in C” conducted by Department of Computer Science, SIR C R Reddy College, Eluru on 9th June, 2020 and secured with score 80%.
34. Participated in the National level Online Quiz Programme on “Concepts of Ultrasonics” conducted by Department of Physics, Osmania College, Kurnool on 20th June, 2020.
35. Participated in the Online Quiz on “E- Test on Aptitude” which was conducted by Jawahar Knowledge Center of KVR Govt. College for Women (A), Kurnool on 6/6/2020.
36. Participated in the participated in the Online Quiz on “ **Fundamentals of Computers**” on 18th June 2020 conducted by **Department of Computer Science**, Sri ABR Govt Degree college, Repalle, Guntur and secured 75 / 100.

JULY:

37. Participated in National level E-Quiz on "**Plagiarism Awareness- Research & Academic Ethics**" organized by the Faculty of Doctoral Studies & Research and Faculty of Computer Application in association with Indian Society for Technical Education, **Integral University, Lucknow** on 21 July 2020 **and** scored 53%.

38. Successfully Completed the “National Level e-Quiz -2020 On General Knowledge” Conducted by Physics Department, S V K P & Dr K S RAJU Arts and Science College (A), Penugonda, West Godavari District.

39. Actively participated in the UGC (Paramarsh) Online FDP on “ICT in Teaching & Evaluation” organized by MSP Mandal’s Shri Shivaji College, Parbhani (Maharashtra) during 13th July – 18th July 2020 and scored 46 out of 50 in the final Online MCQ Test.

AUGUST:

40. Successfully completed “Physics Quiz”organized by Mahaveer Institute of Science and Technology, Bandlaguda, Hyderabad conducted online on 6th August, 2020.

41. Participated and successfully qualified in Environment Awareness quiz on the special occasion of “WORLD ENVIRONMENT DAY” with 80% marks conducted by Environment and Social, Welfare Society, Khajuraho, M.P (India).

42. Awarded for excellent participation in “Environment Awareness online quiz” organized by Bipin Bihari College, Jhansi (U.P.) India, on the occasion of "WORLD ENVIRONMENT DAY".