



**D RAJA KULLAYAPPA**  
Assistant Professor (C)  
Department of Mechanical Engineering,  
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## Bio-data

Name : Mr D Raja Kullayappa

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Nationality : Indian

Religion : Indian-Hindu Dudekula

Date of Birth & Place of Birth : 27<sup>th</sup> AUG, 1992 & Anantapur, AP.

Aadhar No : 5981 7226 6478

## 1. Educational Qualifications:

<b>Course</b>	<b>Name of the Institution studied</b>	<b>Name of the University</b>	<b>Year of graduation</b>	<b>% of Marks obtained</b>	<b>Division</b>
<b>SSC</b>	ST. Joseph English medium high school, Ananthapuramu	Board of Secondary Education	2006 – 2007	68.7	First Class
<b>Intermediate /Diploma</b>	P.R.K junior college, Ananthapuramu	Board of Intermediate Education	2007 – 2009	82	First with Distinction
<b>B. Tech</b>	JNTUACEA	Jawaharlal Nehru Technological University, Anantapur.	2009 - 2013	66	First Class
<b>M. Tech</b>	JNTUACEA	Jawaharlal Nehru Technological University, Anantapur.	2013 - 2015	79	First with Distinction
<b>Ph.D.</b>	Annamalai University	Annamalai University	2019	Thesis Submitted	--

## 2. Experience

Name of the employer/ Organization	Your Designation	Duration of Employment		Nature of Duties
		From	To	
JNTUACE, ATP	Assistant Professor(A)	21-09-2016	Continuing	Teaching

Teaching Experience: **8 years & 5 months**

### Subjects Taught:

Under graduate Courses	Postgraduate Courses
<ul style="list-style-type: none"><li>❖ Engineering Graphics</li><li>❖ Basic Mechanical Engineering</li><li>❖ Essentials of NX Designer</li><li>❖ Modern Manufacturing Methods</li><li>❖ Engineering Workshop</li><li>❖ CAM Lab</li><li>❖ CAD Lab</li><li>❖ Computer Aided Machine Drawing Lab</li><li>❖ Engineering Graphics Lab</li></ul>	<ul style="list-style-type: none"><li>❖ Composite Materials and Mechanics</li><li>❖ Project Management</li><li>❖ Creative Engineering Design-I</li><li>❖ Robust Design</li><li>❖ Quality by Design</li><li>❖ Design and Manufacturing of MEMS &amp; Microsystems</li><li>❖ Creative Engineering Design-II</li><li>❖ Quality Engineering in Manufacturing</li><li>❖ Lean Manufacturing and Six Sigma</li><li>❖ CAAD Lab</li><li>❖ Manufacturing Simulation Lab</li><li>❖ Automations Lab</li></ul>

- ❖ In addition, the laboratories of UG and PG programmes in the areas of Mechanical Engineering have been dealt with.
- ❖ In addition, the Value-added course for UG students: Course name “Essential for NX-CAD ” with 30 hours lecture.

### Professional Services:

- Co-curricular & Extra Curricular activities (b) Community and Extension services, (c) NBA/NAAC/ NIRF RANKINGS (d) Any other
- Assisted in Department NBA/NIRF RANKINGS Works. (Criterion -III & Criterion - VII).
- Assisted in Department FDP & Workshop Works.
- Assisted in Department NAAC Works.
- Assisted in Department Time-Table works.
- Assisted in Department Works (Submitting Attendance Particulars & Internal Marks Particulars for both UG & PG).
- Assisted in Department Works (Scheduling the laboratory schedules for both UG & PG)

### E-Content Developed

**Total No. of E-Content: 01**

S. No	Module Developed	Platform	Date	Document link	Video Link
1.	Module -1 Leaf Spring Model in ANSYS	Online	17-08- 2023	<a href="https://www.youtube.com/watch?v=wm_IL7BBXr0">https://www.youtube.com/watch?v=wm_IL7BBXr0</a>	<a href="https://www.youtube.com/watch?v=wm_IL7BBXr0">https://www.youtube.com/watch?v=wm_IL7BBXr0</a>

### Book/Book Chapters:

**Total No. of Books/Book Chapters: 03**

S. No	Title of Book/Chapter	Name of the Publication, edition and year	Book/Book Chapter
1.	Optimum Design and Analysis of a composite drive shaft for an Automobile	Lambert Academic Publishing and 2023	Book Chapter
2.	An experimental study on the Performance characteristics of Plastic oil fuel in a light-duty ci Engine	Lambert Academic Publishing and 2023	Book Chapter
3.	A Study of Discourses on justice in Contemporary Environmental Ethics	Lambert Academic Publishing and 2023	Book Chapter

List of Publications:

**Total No. of Publications: 05**

S. No.	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC listed / SCI / SCIE / Scopus indexed, etc.	Impact Factor	Publication URL
1	2017-SEPT	ANALYSIS AND OPTIMIZATION OF ROCKER ARM	IJESC	UGU- Peer Reviewed Journal	4.06	<a href="https://ijesc.org/">https://ijesc.org/</a>
2	2023-MAR	THEORETICAL ANALYSIS ON CI ENGINE BY MULTIPLE INJECTION PRESSURE WITH ALTERNATIVE FUEL BY ADDING ALUMINUM OXIDE AS NANO ADDITIVE	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH AND INNOVATIVE IDEAS IN EDUCATION	UGU- Peer Reviewed Journal	4.06	<a href="http://ijariie.com/AdminUploadPdf/Theoretical_analysis_on_ci_engine_by_multiple_injection_pressure_with_alternative_fuel_by_adding_aluminum_oxide_as_nano_additive_ijariie19280.pdf">http://ijariie.com/AdminUploadPdf/Theoretical_analysis_on_ci_engine_by_multiple_injection_pressure_with_alternative_fuel_by_adding_aluminum_oxide_as_nano_additive_ijariie19280.pdf</a>
3	2023-OCT	STUDY ON THE USE OF OIL DERIVED FROM MEDICAL WASTE PLASTIC AS A SUITABLE FUEL IN KIRLOSKAR TV-I ENGINE	YMER JOURNAL	SCOPUS INDEX	5.7	10.37896/YMER 22.10/59
4.	2023- FEB	Restoration of Pure Silver from X-Ray film waste	YMER JOURNAL	SCOPUS INDEX	5.7	<a href="https://ymerdigital.com/uploads/YMER220240.pdf">https://ymerdigital.com/uploads/YMER220240.pdf</a>
5.	2023-SEPT	CONVERSION OF MEDICAL WASTE PLASTICS INTO LIQUID AND GASEOUS HYDROCARBON USING FLY ASH AS A CATALYST	China Petroleum Processing and Petrochemical Technology	SCOPUS INDEX	2.7	<a href="https://zgsgyhgysyhgjs.cn/index.php/reric/article/view/2-1172.html">https://zgsgyhgysyhgjs.cn/index.php/reric/article/view/2-1172.html</a>
6.	2023-JULY	Report on Plate Modal Analysis	International	UGU- Peer Reviewed Journal	6.83	<a href="https://ijrpr.com/uploads/V4ISSU">https://ijrpr.com/uploads/V4ISSU</a>

		Investigating Cantilevered Rectangular Plates.	Journal of Research Publication and Reviews			<a href="#">E7/IJRPR15459.pdf</a>
7	2023 FEB	Design of Mono Composite Leaf Spring for Four Wheeler Light Weight Vehicle	International Journal of Scientific Research in Science and Technology	UGU- Peer Reviewed Journal	8.62	doi : <a href="https://doi.org/10.32628/IJSRST">https://doi.org/10.32628/IJSRST</a>
8	2023 JULY	Experimental Studies on CC Engine of Characteristics Performance and Emission using Three Different Biodiesel	International Journal of Scientific Research in Science and Technology	UGU- Peer Reviewed Journal	8.62	doi : <a href="https://doi.org/10.32628/IJSRST">https://doi.org/10.32628/IJSRST</a>
9	2024-JUNE	- SUSTAINABLE HYDROCARBONS FROM FOOD WASTE AND MEDICAL PLASTICS USING BIOGAS AND FLY ASH CATALYST	European Chemical Bulletin	-SCOPUS INDEX	1.6	- <a href="http://dx.doi.org/10.53555/ecb.v11:i10.17736">http://dx.doi.org/10.53555/ecb.v11:i10.17736</a>
10	2024 OCT	Production of mask oil using a biogas-fired reactor with a fly ash catalyst and its assessment in a diesel engine	ROYAL SOCIETY OF CHEMISTRY Sustainable Energy Fuels	SCOPUS INDEX	3.6	DOI: 10.1039/d4se00664j
11	2024 NOV	Feasibility of Using Oil Derived from Medical Waste Plastics as a Fuel for the Kirloskar TV-I Engine	WASTE MANAGEMENT & RESEARCH	SCOPUS INDEX	3.8	<a href="https://www.sciencedirect.com/science/article/pii/S2949821X24000863">https://www.sciencedirect.com/science/article/pii/S2949821X24000863</a>
12	January 2024	Manufacturing O Helmet by Epoxy Based Composite	International Journal of Scientific Research in	UGU- Peer Reviewed Journal	8.62	doi : <a href="https://doi.org/10.32628/IJSRST">https://doi.org/10.32628/IJSRST</a>

		<b>Material from The Nature Composite Materials (FIBER)</b>	<b>Science and Technology</b>			
<b>13</b>	<b>January 2024</b>	<b>Modeling and Analysis of an IC Engine Piston by CAD Modeling, Static and Thermal Analysis</b>	<b>International Journal of Scientific Research in Science and Technology</b>	<b>UGU- Peer Reviewed Journal</b>	<b>8.62</b>	<b>doi : <a href="https://doi.org/10.32628/IJSRST">https://doi.org/10.32628/IJSRST</a></b>

List of Seminars/FDPs/ Conference  
(National and International)

1. **D.Raja Kullayappa**, Participated in the National Level Students Symposium “**FUSION-2011**” and presented a paper titled **A Study on Renewable Energy Sources**.
2. **D.Raja Kullayappa**, Participated in Conference has presented a paper entitled **Analysis and Optimization of Rocker Arm (Cast Iron, Aluminum Alloy, Titanium Alloy)** in the National conference on “**TRENDS IN MECHANICAL ENGINEERING (TIME’S)**” organized by Department of Mechanical Engineering, on 23<sup>rd</sup> Sep,2015.
3. **D.Raja Kullayappa**, Participated in One Day “**FACULTY DEVELOPMENT PROGRAMME**” On “**21 st CENTURY TEACHING STRATERGIES**” on 16<sup>th</sup> September 2017, in JNTUA of College of Engineering (AUTONOMOUS), ANANTHAPURAMU, Andhra Pradesh.
4. **D.Raja Kullayappa**, Participated in the 7 Days Faculty Development Program { **Latex & Origin Software’s**} jointly organized by Department of Mechanical & Civil Engineering with Technoglobe Hub from Feb 10<sup>th</sup> to 16<sup>th</sup> 2017 at CMR Technical Campus, Hyderabad.
5. **D.Raja Kullayappa**, Participated in Faculty Development Program on “**Faculty Intelligence Learning Module**” in JNTU, Anantapur on 8-12-2017.
6. **D.Raja Kullayappa**, Assistant professor in JNTUACEA has participated & completed successfully Two days online training program on “**3D Designing & Printing**” from Nov 10th 2020 to Nov 11th 2020 organized by the Department of **Mechanical & Civil Engineering**, CMR Technical Campus.
7. **D.Raja Kullayappa**, Participated in the virtual Seminar on “**ADVANCES IN THERMAL ENERGY TECHNOLOGIES**” organized by the Department of Mechanical Engineering, Mahendra Insistute of Technology (Autonomous) Mahendhirapuri, Mallasamudram, Tiruchengode(TK), Namakkal(Dt), Tamilnadu-637 503 held on 18<sup>th</sup> Feb 2022.



8. **D.Raja Kullayappa**, participated in a two day STTP on “**Recent Advances In Mechanical Engineering (RAME)**” held on 12th & 13th June 2020 through online mode, organized by Department of Mechanical Engineering, **S V College of Engineering, Tirupati**.
9. **D.Raja Kullayappa**, Assistant professor of JNTUACEA has actively participated in Online Faculty Development Programme on “**ADVANCES IN COMPOSITE MATERIALS AND MANUFACTURING PROCESS**” organized by Department of Mechanical Engineering, St. Ann’s College of Engineering and Technology, Chirala from 22/06/2020 to 26/06/2020.
10. **D.Raja Kullayappa**, JNTUACEA has successfully completed Online Quiz on “**Unconventional Machining Processes**” on 18-6-2020, Organized by the Department of Mechanical Engineering, Bharat Institute of Engineering and Technology, Hyderabad.
11. **D.Raja Kullayappa**, participated in the “ **ENERGY AND ENVIRONMENT ENGINEERING QUIZ** ” organised by the Department of Mechanical Engineering, AIT Chennai on June 2020 and scored 85% marks.
12. **D.Raja Kullayappa**, JNTUACEA has successfully completed the online Quiz on **e-Quiz on "Automobile Industries in India"** organized by School of Mechanical Engineering, REVA University, Bengaluru.
13. **D.Raja Kullayappa**, attended the Faculty Development Program on “**Advanced & Research Opportunities In Internal Combustion Engines**” from 16-06-2020 to 20-06-2020, organized by department of Mechanical Engineering, Jyothishmathi Institute of Technology and Science, Karimnagar, Telangana.
14. **D.Raja Kullayappa**, has participated in the **webinar on Materials and Nanomaterials** on 19th June 2020 at 11.00 am. **LOGANATHA NARAYANASAMY GOVERNMENT COLLEGE (Autonomous)**, Ponneri – 601 204, Tamilnadu, India.
15. **D.Raja Kullayappa**, JNTUACEA, has actively participated in the expert webinar on "**Deep Learning in Machine Vision System for Quality Control: Trends and Challenges.**" presented by Dr. Kiran Kumar Kudumula, IIIT Basar, Telangana, organized by the Department of Mechanical Engineering on 25th June 2020. Department of Mechanical Engineering, **SRI VENKATESWARA COLLEGE OF ENGINEERING** [Autonomous-Affiliated to Anna University] Pennalur, Sriperumbudur TK-602 117, Tamil Nadu.
16. **D.Raja Kullayappa**, has successfully participated in **National Level One Week Online Faculty Development Programme (FDP)** on "**ADVANCEMENTS IN MANUFACTURING AND OPTIMIZATION TECHNIQUES**" (AMOT-2020)" during 22-26 June, 2020, Organized by the Department of Mechanical Engineering, Jayamukhi Institute of Technological Sciences, Narsampet, Warangal, Telangana.
17. **D.Raja Kullayappa**, participated in the International Webinar “**Industrial Applications of Robust Design**” , presented by **Dr.B.Prabu**, Professor Department of Mechanical Engineering, Pondicherry Engineering College, Pondicherry and organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli on 19.06.2020
18. **D.Raja Kullayappa**, participated Online Faculty Development Program titled “**INTRODUCTION TO ARTIFICIAL NEURAL NETWORK**” on 8th Feb 2022 conducted by Department of Electrical and Electronics Engineering, **Christ The King Engineering College**, Coimbatore.

19. **D.Raja Kullayappa**, JNTUACEA for his active participation in one day webinar on "Recent Development in Evacuated U-Tube Solar Collector Orientated Applications" on 22/06/2020. Department of Mechanical Engineering Annamacharya Institute of Technology & Sciences (Autonomous) New Boyanapalli, Rajampet.
20. **D.Raja Kullayappa**, participated in One Day webinar on "**Metal Additive Manufacturing**" conducted by Department of Mechanical VIVEKANANDA INSTITUTE OF TECHNOLOGY AND SCIENCE An ISO 9001:2015 Certified Institute Approved by AICETE, Affiliated to JNTU Hyderabad By-pass road, Bommakal Vill., Karimnagar, Telangana-505001 Engineering on 12-06-2020.
21. **D.Raja Kullayappa**, successfully completed National Level Online Quiz on "**Fundamentals of AutoCAD**" on 18-6-2020, Organized by the Department of Mechanical Engineering, Bharat Institute of Engineering and Technology, Hyderabad.
22. **D.Raja Kullayappa**, JNTUACEA has successfully completed online quiz on "**PRODUCTION PLANNING AND CONTROL**" organized by Department of Mechanical Engineering, Bharat Institute of Engineering and Technology, conducted on 6/18/2020.
23. **D.Raja Kullayappa**, participated in One Week Online International Faculty Development Programme on "**Advanced Engineering Materials for Strategic & Societal Sectors - Current Perspectives**", organized by Department of Mechanical Engineering, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, Tamilnadu, India from 10.6.2020 to 15.6.2020.
24. **D.Raja Kullayappa**, participated and passed the online Quiz program on "**THERMAL ENGINEERING**" Conducted by Department of Mechanical Engineering **GEETHANJALI** Institute of Science & Technology 3rd Mile, Nellore-Bombay Highway, Gangavaram(V), Kovur, Nellore, Andhra Pradesh 524137 on 18-6-2020 With 90%.
25. **D.Raja Kullayappa**, Assistant professor from JNTUACEA has participated and passed the online Quiz program on "**MACHINE DESIGN**" Conducted by Department of Mechanical Engineering **GEETHANJALI** Institute of Science & Technology 3rd Mile, Nellore-Bombay Highway, Gangavaram(V), Kovur, Nellore, Andhra Pradesh 524137 on 19-06-2020 With 90%.
26. **D.Raja Kullayappa**, participated in an online webinar on "**Awareness on Non-Destructive Testing and Certifications**" on 24th June 2020 organized by Department of Mechanical Engineering, Lakshmi Ammal Polytechnic College, Kovilpatti, Thoothukudi, Tamilnadu.
27. **D.Raja Kullayappa**, actively participated in the One day Workshop on "**Design Thinking for Next Industrial Revolution - Industry 4.0**" organised by the Departments of Mechanical & Automobile Engineering. Arasu Engineering College, Kumbakonam on 21.06.2020 through online pedagogy.
28. **D.Raja Kullayappa**, actively participated in the webinar on "**HYDROGEN ENERGY AND BIO FUELS IN IC ENGINES**" Presented by Dr. V. Thanigaivelan, Assistant Professor (Senior Grade), Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai, Organized by Department of Mechanical Engineering, CHRIST College of Engineering and Technology, Moolakulam, Puducherry on 16.06.2020.
29. **D.Raja Kullayappa**, actively participated in the webinar on "**Cloud-Based Cyber-Physical Systems in Manufacturing**" presented by Dr. Giriraj Mannayee, Associate Professor (Grade 2), Department of Design and Automation, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, Organized by Department of Mechanical Engineering, CHRIST College of Engineering and Technology, Moolakulam, Puducherry on 17.06.2020.

30. **D.Raja Kullayappa**, actively participated in the webinar on "**Emerging Trends, Challenges in Renewable Energy Sources**" presented by Shri. R.Sadhiskumar, Manager Projects, Livguard Energy Technologies Private Limited, Delhi, Organized by Department of Mechanical Engineering, CHRIST College of Engineering and Technology, Moolakulam, Puducherry on 18.06.2020.
31. **D.Raja Kullayappa**, actively participated in the **International Webinar Series on Business Analysation and Structure** presented by Mr. Anbarasu Mahadevan Founder & President World Youth Federation] organized by the Department of Mechanical Engineering ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) (An ISO 9001:2015 Certified Institution) ANGUCHETTYPALAYAM, PANRUTI-607 106 on 3rd June 2020.
32. **D.Raja Kullayappa**, JNTUACEA has actively participated in the Three Days Faculty Development Program on "**ME-8493 THERMAL ENGINEERING-1**" organized by Department of Mechanical Engineering, JCT College of Engineering and Technology during 09.02.2022 to 11.02.2022. This was a virtual programme conducted through Google Meet.
33. **D.Raja Kullayappa**, actively participated in the live webinar on "**Importance of Intellectual Property Rights**" conducted by Department of Mechanical Engineering, of JCT College of Engineering and Technology on 07.02.2022.
34. **D.Raja Kullayappa**, Participation in the **Webinar Impact of COVID-19 on the Development of Rural Economy - Challenges and Opportunities** on the 27th day of July 2020 organised by LEAD INDIA FOUNDATION and JNTUA ANANTHAPURAMU.
35. **D.Raja Kullayappa**, actively participated in the live webinar on "**PRODUCT LIFE CYCLE MANAGEMENT**" conducted by **Department of Mechanical Engineering**, of **JCT College of Engineering and Technology** on **03.02.2022**.
36. **D.Raja Kullayappa**, actively participated in the **International Webinar Series on Challenges and Opportunities in Transportation Sector Post Covid-19** presented by **Dr. K. SUDHAKAR [ FTKMA,Universiti Malaysia Pahang,Malaysia ]** organized by the Department of Mechanical Engineering ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) (An ISO 9001:2015 Certified Institution) ANGUCHETTYPALAYAM, PANRUTI-607 106 on **4<sup>th</sup> June 2020**.
37. **D.Raja Kullayappa**, actively participated in the **International Webinar Series on Industry 4.0: The Fourth Industrial Revolution** presented by **Dr. GIRIRAJ MANNAYEE [ Faculty, Vellore Institute of Technology ]** organized by the Department of Mechanical Engineering ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) (An ISO 9001:2015 Certified Institution) ANGUCHETTYPALAYAM, PANRUTI-607 106 on **5<sup>th</sup> June 2020**.
38. **D.Raja Kullayappa**, actively participated in the **International Webinar Series on Emerging Trends, Challenges & Opportunities in Internal Combustion Engines** presented by **Dr. G. KARTHIKEYAN [ Faculty, Annamalai University ]** organized by the Department of Mechanical Engineering ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) (An ISO 9001:2015 Certified Institution) ANGUCHETTYPALAYAM, PANRUTI-607 106 on **6<sup>th</sup> June 2020**.

39. **D.Raja Kullayappa**, actively participated in the **International Webinar Series on Advancement in Composite Materials** presented by **DR. V. SATHEESHKUMAR [ Faculty, Annamalai University ]** organized by the Department of Mechanical Engineering ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) (An ISO 9001:2015 Certified Institution) ANGUCHETTYPALAYAM, PANRUTI-607 106 on **8<sup>th</sup> June 2020**.
40. **D.Raja Kullayappa**, participated in One Week Faculty Development Programme on **"Innovative Teaching - Learning Techniques in Higher Education"** sponsored by TEQIP-III held at Mechanical Department, JNTUA College of Engineering, Ananthapuramu during 04-09-2019 to 09-09-2019.
41. **D.Raja Kullayappa**, bearing number **DSL/APSSDC/11644** has successful completed **Basics of PLC Course** Conducted at **SIEMENS JNTUA College of Engineering**, Anantapuramu from 09-07-2018 13-07-2018.
42. **D.Raja Kullayappa**, participated in **Three Day Workshop on "Experimental Approaches & Instrumental Aspects in Analytical Chemistry"** Organized by Chemical Engineering Department, JNTUA College of Engineering (Autonomous), Ananthapuramu under TEQIP-III from 6th to 8th February 2019.
43. **D.Raja Kullayappa**, active participation in the **International Webinar on Importance of Preparedness for Educators organized by Centre for Research and Development in Education and Social Integration (CRESIHRD)**, Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter on 31/12/2022.
44. **D.Raja Kullayappa**, participated in a **one week faculty development program** on **"Innovations in Mechanical Engineering"** during 26-12-2022 to 30-12-2022, through online mode, organized by the Department of Mechanical Engineering, Vasireddy Venkatadri Institute of Technology, Nambur.
45. **D.Raja Kullayappa**, active participation in the **International Webinar on Solar Photovoltaics for Sustainable Future Centre for Research and Development in Education and Social Integration (CRESIHRD)**, Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter on 24/12/2022.
46. **D.Raja Kullayappa**, active participation in the **International Webinar on Effective Teaching: Insights from Education Psychology organized by Centre for Research and Development in Education and Social Integration (CRESIHRD)**, Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter on 15/10/2022.
47. **D.Raja Kullayappa**, active participation in the **International WorkShop on RECENT ADVANCES & DEVELOPMENTS IN TRANSDISPLINARY RESEARCH** Organized by Sri Venkateswara University Tirupati on **JULY 26 2023 – JULY 27 2023**.
48. **D.Raja Kullayappa**, active participation in the **faculty development program** on **PHARMACEUTICAL INNOVATIONS & PROTECTION STRATEGIES** Organized by Seven Hills Colleges of Pharmacy (Autonomous), Tirupati on **18 JULY 2023-22 JULY 2023**.
49. **D.Raja Kullayappa**, active participation in the **One Week Faculty development program** on **ADDITIVE MANUFACTURING** Organized by **CMR TECHNICAL CAMPUS** on **FEB 6 2023– FEB 12 2023**.

50. **D.Raja Kullayappa**, online certificate **One Month course completed on 3D Designing & Printing** Offered by the organization/platform **ENLIGHT 3D** on **1 SEPT 2023 TO 30 SEPT 2023**.
51. **D.Raja Kullayappa**, active participation in **One Week Online Faculty Development Programme on AI AND ML EDUCATION"** organized by Department of Electrical and Electronics Engineering Sanjay Gandhi Polytechnic (Approved by AICTE. Affiliated to DTE, Bangalore) held during 9th to 14th December 2024.
52. **D.Raja Kullayappa**, active participation in Webinar on **Cyber security Fundamentals & How to Ignite your Career in Cybersecurity** organized by **CSC COUNCIL** on **12 JULY 2024**.
53. **D.Raja Kullayappa**, participated in a **Three days faculty development programme on " CFD Analysis and Experimental Validation of Heat Flow around Spherical Spheres filled with PCM Materials "**held at JNTUA College of Engineering Ananthapuramu, from 28th to 30th August 2024.
54. **D.Raja Kullayappa**, online certificate **Two Months course completed on Lean Six Sigma Program and Project Management** Offered by the organization/platform **ISCEA CLSSYB02/edX Course** on June22, 2024.
55. **D.Raja Kullayappa**, online certificate **Three Months course completed on Product Management Fundamentals** Offered by the organization/platform **USMx ENES608.1/edX Course** on June8, 2024.
56. **D.Raja Kullayappa**, online certificate **Three Months course completed on Google Cloud Computing Foundations: Cloud Computing Fundamentals** Offered by the organization/platform **GoogleCloud GCCF1x/edX Course** on June10, 2024.
57. **D.Raja Kullayappa**, online certificate **Three Months course completed on 3D Printing Essentials : From Design to Reality** Offered by the organization/platform **ALASKAXMAKE1x/edX Course** on June8, 2024.
58. **D.Raja Kullayappa**, online certificate **one Months course completed on Acquiring advanced skills in design and prototyping tools, software and techniques, with a specialized focus on 3D printing technology** Offered by the organization/platform **KRAVEENTHAR KAMAL/MAKER GLOBAL Course** on DEC31, 2024.
59. **D.Raja Kullayappa**, participation in **ANRF-Sponsored Two Days workshop on Advanced Oxidation Processes for Mitigating Recalcitrant Contaminants in Wastewater [AOPMRC-2025]** Department of Chemical Engineering **National Institute of Technology Rourkela** on **Feb 10<sup>th</sup> -11<sup>th</sup> 2025**.
60. **D.Raja Kullayappa**, Participated in Three Days National Level FDP on **“Entrepreneurship Development”** conducted from 20th to 22nd March 2025, organised by Dept. of Mechanical Engineering of Sanjay Gandhi Polytechnic,Ballar.

