

## FACULTY PARTICIPATION ACADEMIC YEAR: 2023-2024

### NPTEL / MOOC COURSES

| <u>S.No</u> | Faculty Name      | Designation | Platform | Course Name                                                           | Duration               | Grade obtained /Status               |
|-------------|-------------------|-------------|----------|-----------------------------------------------------------------------|------------------------|--------------------------------------|
| 1           | Dr.B.Arulmurugan  | AsP         | NPTEL    | Artificial Intelligence and Machine Learning in Materials Engineering | July to November 2024  | 60% & Elite                          |
| 2           | Dr.N.Mathan Kumar | AsP         | NPTEL    | Teaching and Learning in General Programs: TALG                       | July to August 2023    | 53%                                  |
| 3           | Dr.N.Mathan Kumar | AsP         | NPTEL    | NBA Accreditation and Teaching -Learning in Engineering (NATE)        | January to April 2024  | 51%                                  |
| 4           | Mr.S.N.Dinesh     | AP – II     | NITTT    | Professional Ethics and Sustainability                                | Nov 2023 to Feb 2024   |                                      |
| 5           | Dr. S. Gokulkumar | AP-III      | NITTT    | Module 6: Student Assessment and Evaluation                           | July to September 2023 | 69.7                                 |
| 6           | Dr. S. Gokulkumar | AP-III      | NITTT    | Module 3: Communication Skills, Modes and Knowledge Dissemination     | July to September 2023 | 72.4                                 |
| 7           | Dr.B.Arulmurugan  | AsP         | NPTEL    | Innovation by Design                                                  | March 2024             | 58%                                  |
| 8           | Dr.B.Arulmurugan  | AsP         | NPTEL    | Roadmap for patent creation                                           | March 2024             | 84 % Elite+ Silver (National Topper) |
| 9           | Dr.B.Arulmurugan  | AsP         | NPTEL    | IP Management & Technology Transfer                                   | March 2024             | 75% Elite+                           |

# Department of Mechanical Engineering

KPR Institute of Engineering and Technology

|    |                     |        |       |                                                                |                        |                                   |
|----|---------------------|--------|-------|----------------------------------------------------------------|------------------------|-----------------------------------|
|    |                     |        |       |                                                                |                        | Silver                            |
| 10 | Dr.B.Arulmurugan    | AsP    | NPTEL | Fundamentals Of Additive Manufacturing Technologies            | November 2024          | 74% Elite                         |
| 11 | Dr.B.Arulmurugan    | AsP    | NPTEL | Patent Law for Engineers and Scientists                        | November 2024          | 64% Elite                         |
| 12 | Dr.B.Arulmurugan    | AsP    | NPTEL | Managing Intellectual Property in Universities                 | November 2024          | 84% Elite+ Silver                 |
| 13 | Dr.B.Arulmurugan    | AsP    | NPTEL | Patent Drafting for Beginners                                  | November 2024          | 90% Elite+ Gold (National Topper) |
| 14 | Dr. V. Bhuvaneswari | AP-III | NPTEL | Patent drafting for beginners                                  | November 2024          | Elite                             |
| 15 | Dr. V. Bhuvaneswari | AP-III | NPTEL | Patent Law For Engineers And Scientists                        | November 2024          | Successfully completed            |
| 16 | Dr.S.Dharani Kumar  | AP-III | NPTEL | Fracture, Fatigue and Failure of Materials                     | July to oct 2023       | 81% Elite+ Silver                 |
| 17 | Dr.S.Dharani Kumar  | AP-III | NITTT | Orientation towards Technical Education and Curriculum Aspects | Oct 2023 to April 2024 | Successfully completed            |

## FACULTY PARTICIPATION IN YOUTUBE/ ONLINE COURSES DEVELOPMENT

| S.No | Faculty Name        | Designation | Platform | Course/ Domain Name                                | Date of Creation | Duration |
|------|---------------------|-------------|----------|----------------------------------------------------|------------------|----------|
| 1    | Dr.B.Arulmurugan    | AsP         | Youtube  | IPR                                                | 11.06.2024       | 16 min   |
| 2    | Dr.B.Arulmurugan    | AsP         | Youtube  | IPR                                                | 11.06.2024       | 10 min   |
| 3    | Dr.N.Mathan Kumar   | AsP         | Youtube  | Hydraulics                                         | 13.06.2024       | 13 min   |
| 4    | Dr. V. Bhuvaneswari | AP-III      | Youtube  | Role of AI in Metrology                            | 11.06.2024       | 16 min   |
| 5    | Dr. V. Bhuvaneswari | AP-III      | Youtube  | Identification of casting defects by using AI tool | 17.04.2024       | 6.59 min |
| 6    | Dr.S.Dharani Kumar  | AP-III      | Youtube  | Simulation and analysis                            | 17.04.2024       | 16. min  |
| 7    | Dr.S.Dharani Kumar  | AP-III      | Youtube  | Simulation and analysis                            | 17.04.2024       | 6.59 min |

## FACULTY PARTICIPATION IN SHORT TERM TRAINING PROGRAM / FACULTY DEVELOPMENT PROGRAM

| S.No | Faculty Name     | Designation            | Name of the Course                              | STTP /<br>ATAL<br>FDP/FDP | College Name | Start Date | End Date   | Duration |
|------|------------------|------------------------|-------------------------------------------------|---------------------------|--------------|------------|------------|----------|
| 1    | Dr.M.Makeshkumar | Associate<br>Professor | Artificial Intelligence<br>and Machine Learning | FDP                       | KPRIET       | 07.05.2024 | 27.05.2025 | 15 Days  |
| 2    | Dr.N.Mathan      | AsP                    | Teaching and Learning                           | FDP                       | KPRIET       | 15.07.2023 | 15.08.2023 | 4weeks   |

# Department of Mechanical Engineering

KPR Institute of Engineering and Technology



|   |                        |          |                                                                                       |      |                                                                   |                |                |         |
|---|------------------------|----------|---------------------------------------------------------------------------------------|------|-------------------------------------------------------------------|----------------|----------------|---------|
|   | Kumar                  |          | in General Programs:<br>TALG                                                          |      |                                                                   |                |                |         |
| 3 | Mr.S.N.Dinesh          | AP – II  | Non Destructive<br>Testing                                                            | STTP | A Plus NDT Services                                               | 26.10.2023     | 31.10.2023     | 7 days  |
| 4 | Dr.N.Mathan<br>Kumar   | AsP      | NEP 2020 Orientation<br>& Sensitization<br>Programme                                  | FDP  | Malaviya Mission Teacher<br>Training Programme                    | 18.03.2024     | 27.03.2024     | 10 days |
| 5 | Dr.N.Mathan<br>Kumar   | AsP      | Bridging Research &<br>Innovation iun Bio –<br>Medical Sciences and<br>Engineering    | FDP  | Galcotias University,Greater<br>Noida                             | 19.02.2024     | 23.02.2024     | 05 days |
| 6 | Dr N Karthi            | AP – III | Modeling, processing<br>and characterisation of<br>composites                         | FDP  | NIT, Surathkal                                                    | 13-09-<br>2023 | 17-09-<br>2023 | 05 Days |
| 7 | Dr N Karthi            | Ap – III | Computational Fluid<br>Dynamics and Heat<br>Transfer                                  | STP  | KCT, Coimbatore                                                   | 28-04-<br>2024 | 04-05-<br>2024 | 7 Days  |
| 8 | Dr. S. Gokulkumar      | AP-III   | One Week FDP on<br>Advancements in<br>Mechanical Engineering                          | FDP  | Lakireddy Bali Reddy<br>College of Engineering,<br>Andhra Pradesh | 19/06/2023     | 24/06/2023     | 6 Days  |
| 9 | Dr. V.<br>Bhuvaneswari | AP-III   | “Innovation Through<br>Tradition: Embracing<br>Indian Knowledge<br>systems in the NEP | FDP  | RVS college of arts and<br>science                                | 06.01.24       | 12.01.24       | 6 Days  |

|    |                    |        |                                                |     |                                                                                                                                                  |            |            |          |
|----|--------------------|--------|------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------|
|    |                    |        | 2020”                                          |     |                                                                                                                                                  |            |            |          |
| 10 | Dr.S.Dharani Kumar | AP-III | Fracture, Fatigue and Failure of Materials     | FDP | NPTEL -IIT                                                                                                                                       | July 2023  | Oct 2023   | 12 Weeks |
| 11 | Dr.S.Dharani Kumar | AP-III | NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME | FDP | Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Coimbatore Institute of Technology (CIT) | 12.02.2024 | 21.02.2024 | 10 days  |

## FACULTY PARTICIPATION IN INTERNSHIP

| S.No | Faculty Name       | Designation         | Name of the Industry | Start Date | End Date   | Duration |
|------|--------------------|---------------------|----------------------|------------|------------|----------|
| 1    | Dr.M.Makeshkumar   | Associate Professor | Annamalai's Toyota   | 16.10.24   | 22.10.24   | 6 days   |
| 2    | Mr. N. Udhayakumar | AP                  | Novi Tech , Cbe      | 27.10.2023 | 07.11.2023 | 10 days  |

## FACULTY PARTICIPATION IN CONFERENCES

| S.No | Faculty Name       | Designation | Level (National/<br>International) | Name of the Conference                                                                                           | College Name                                   | Start Date | End Date   | Duration |
|------|--------------------|-------------|------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|------------|----------|
| 1    | Mr.S.N.Dinesh      | AP – II     | International                      | Endeavouring Sustainable Manufacturing Practices through effective Solid Waste Management”                       | MIT Campus                                     | 31.05.2024 | 31.05.2024 | 2 days   |
| 2    | Dr.N.Mathan Kumar  | AsP         | International                      | Advances in Mechanical Engineering                                                                               | SRM, Chennai                                   | 20.03.2024 | 22.04.2024 | 3 days   |
| 3    | Dr.N.Mathan Kumar  | AsP         | International                      | Sustainable Materials for Energy Applications                                                                    | Erode Sengunthar Engineering College           | 21.03.2024 | 22.03.2024 | 2 days   |
| 4    | Dr.S.Dharani Kumar | AP-III      | International                      | 1 <sup>st</sup> International Conference on Advancement in Energy                                                | Motilal Nehru National Institute of Technology | 18.12.2023 | 20.12.2023 | 2 days   |
| 5    | Dr.S.Dharani Kumar | AP-III      | International                      | CAM 2024 international conference on additive manufacturing                                                      | National Institute of Technology Warangal      | 04.03.2024 | 06.03.2024 | 2 days   |
| 6    | Dr.S.Dharani Kumar | AP-III      | International                      | 2 <sup>nd</sup> International Conference on Advances in Minerals, Metals, Materials, Manufacturing and Modelling | National Institute of Technology Warangal      | 22.09.2023 | 23.09.2022 | 2 days   |

## FACULTY PARTICIPATION IN SHORT TERM TRAINING PROGRAM / FACULTY DEVELOPMENT PROGRAM

| S.No | Faculty Name      | Designation | Name of the Course                                              | Seminar/Workshop/any | College Name   | Start Date | End Date   | Duration |
|------|-------------------|-------------|-----------------------------------------------------------------|----------------------|----------------|------------|------------|----------|
| 1    | Dr.B.Arulmurugan  | AsP         | Leadership workshop IMC Ramkrishna Bajaj National Quality Award | Workshop             | KPRIET         | 10.9.2024  | 14.9.2024  | 5 days   |
| 2    | Dr.N.Mathan Kumar | AsP         | Accreditation and Academic Excellence                           | Workshop             | VIT-Chennai    | 21.07.2023 | -          | 1 day    |
| 3    | Dr.N.Mathan Kumar | AsP         | Course Design in OBE and NBA Frameeok                           | Workshop             | IISc Bengaluru | 20.05.2024 | 24.05.2024 | 5 days   |

## FACULTY as RESOURCE PERSON

| S.No | Faculty Name      | Designation | Name of the Organization                              | Topic                                    | Category      | Mode (Online/Physical) | Start Date | End Date   | Duration         |
|------|-------------------|-------------|-------------------------------------------------------|------------------------------------------|---------------|------------------------|------------|------------|------------------|
| 1    | D. Balaji         | AP – III    | Coimbatore Institute of technology, Coimbatore        | Patent and IPR                           | Seminar       | Physical               | 2.07.2024  | 2.07.2024  | 1 and half hours |
| 2    | Dr.N.Mathan Kumar | AsP         | GKD Institute for Technological Resources, Coimbatore | Smart Manufacturing and its applications | Guest Lecture | Physical               | 16.12.2023 | 16.12.2023 | 4 hours          |

# Department of Mechanical Engineering

KPR Institute of Engineering and Technology

|   |                        |          |                                              |                                                                               |                    |          |            |            |                        |
|---|------------------------|----------|----------------------------------------------|-------------------------------------------------------------------------------|--------------------|----------|------------|------------|------------------------|
| 3 | Dr,N.Karthi            | AP (III) | Government HSS,<br>Ondiputhur,<br>Coimbatore | Innovation ideas & Start-up :                                                 | Guest<br>Lecture   | Physical | 09.08.2023 | 09.08.2024 | 4 hour                 |
| 4 | Dr.B.Arulmurugan       | AsP      | KPRIET                                       | International Conference<br>on Advances in Physical<br>Sciences and Materials | Session<br>chair   | Physical | 17.8.2024  | 17.8.2024  | 4 hour                 |
| 5 | Dr.B.Arulmurugan       | AsP      | KPRIET                                       | Workshop on Non-<br>Destructive Testing &<br>quality inspection               | Resource<br>Person | Physical | 11.10.2023 | 11.10.2023 | 4 hour                 |
| 6 | Dr. V.<br>Bhuvaneswari | AP-III   | Kongunadu Arts and<br>science                | Strategies in Designing<br>and Filing of intellectual<br>property Rights      | Resource<br>Person | Online   | 31.08.23   | 31.08.24   | 1 and<br>half<br>hours |
| 7 | Dr.S.Dharani<br>Kumar  | AP-III   | KPRIET                                       | Two days software<br>workshop on Ansys<br>workbench                           | Resource<br>Person | Physical | 25.08.2023 | 26.08.2024 | 3 session              |
| 8 | Dr.S.Dharani<br>Kumar  | AP-III   | KPRIET                                       | Two days software<br>workshop on Ansys<br>workbench                           | Resource<br>Person | Physical | 22.03.2024 | 22.03.2024 | 3 session              |



10/4/2024

**HoD/MECH**