Minutes of the 55th Meeting of the Senate of
National Institute of Technology, Tiruchirappalli held on
2nd July 2021 at 11.00 AM through VC Mode (MS Teams)

The following members were present in the meeting:

1. Dr. Mini Shaji Thomas, Director
2. Dr. Ramakalyan Ayyagari, Dean (Academic)
3. Dr. G. K. Ananthasuresh
4. Dr. M. Thamban Nair
5. Dr. Haripriya Gundimeda
6. Dr. A. Chandra Bose
7. Dr. A. K. Bakthavatsalam
8. Dr. AR. Veerappan
9. Dr. B. Ravisankar
10. Dr. B. Senthil Arasu
11. Dr. B. Vasuki
12. Dr. B. Venkataramani
13. Dr. C. Mala
14. Dr. D. Sastikumar
15. Dr. D. Sriram Kumar
16. Dr. G. Arthanareeswaran
17. Dr. G. Lakshminarayanan
18. Dr. G. Subbaiyan
19. Dr. G. Swaminathan
20. Dr. G. Uma
21. Dr. J. Sarat Chandra Babu
22. Dr. K. Baskar
23. Dr. K. Dhanalakshmi
24. Dr. K. M. Meera S. Begum
25. Dr. K. Murugesan
26. Dr. K. Muthukkumaran
27. Dr. K. Muthukumar
28. Dr. L. Cindrella
29. Dr. M. Ashok
30. Dr. M. Bhaskar
31. Dr. M. Duraiselvam
32. Dr. M. Jaya Bharata Reddy
33. Dr. M. Premalatha
34. Dr. M. Udayakumar
35. Dr. M. Umapathy
36. Dr. Mary Saira Bhanu
37. Dr. N. Baskaran

Chairperson
Member
External Member
External Member
Member
Member
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<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.</td>
<td>Dr. N. Gopalakrishnan</td>
<td>Member</td>
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<tr>
<td>39.</td>
<td>Dr. N. Kumaresan</td>
<td>Member</td>
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<td>40.</td>
<td>Dr. N. Ramasubramanian</td>
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<td>41.</td>
<td>Dr. N. Sivakumaran</td>
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<td>42.</td>
<td>Dr. N. Thamaraiselvan</td>
<td>Member</td>
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<td>43.</td>
<td>Dr. P. Asokan</td>
<td>Member</td>
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<td>44.</td>
<td>Dr. P.J.A. Alphonse</td>
<td>Member</td>
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<td>45.</td>
<td>Dr. P. Jayabalan</td>
<td>Member</td>
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<td>46.</td>
<td>Dr. P. Kalaichelvi</td>
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<td>47.</td>
<td>Dr. P. Muthuchidambaranathan</td>
<td>Member</td>
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<td>48.</td>
<td>Dr. P. Palanisamy</td>
<td>Member</td>
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<td>49.</td>
<td>Dr. P. Saikrishnan</td>
<td>Member</td>
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<td>50.</td>
<td>Dr. P. Sivashanmugam</td>
<td>Member</td>
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<td>51.</td>
<td>Dr. R.B. Anand</td>
<td>Member</td>
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<td>52.</td>
<td>Dr. R. Jeyapaul</td>
<td>Member</td>
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<td>53.</td>
<td>Dr. R. Joseph Ponniah</td>
<td>Member</td>
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<td>54.</td>
<td>Dr. R. Leela Velusamy</td>
<td>Member</td>
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<td>55.</td>
<td>Dr. R. Murugesan</td>
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<td>56.</td>
<td>Dr. S. Anandan</td>
<td>Member</td>
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<td>57.</td>
<td>Dr. S. Jayalekshmi</td>
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<td>58.</td>
<td>Dr. S. Kumanan</td>
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<td>59.</td>
<td>Dr. S. Kumaran</td>
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<td>60.</td>
<td>Dr. S. Moses Santhakumar</td>
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<td>61.</td>
<td>Dr. S. Muthukumaran</td>
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<td>62.</td>
<td>Dr. S.P. Kumaresh Babu</td>
<td>Member</td>
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<td>63.</td>
<td>Dr. S.P. Sivapirakasam</td>
<td>Member</td>
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<td>64.</td>
<td>Dr. S.R. Balasundaram</td>
<td>Member</td>
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<td>65.</td>
<td>Dr. S. Raman Sankaranarayanan</td>
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<td>66.</td>
<td>Dr. S. Shanmugam</td>
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<td>67.</td>
<td>Dr. S. T. Ramesh</td>
<td>Member</td>
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<td>68.</td>
<td>Dr. S. Velmathi</td>
<td>Member</td>
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<td>69.</td>
<td>Dr. S. Venkatachalapathy</td>
<td>Member</td>
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<td>70.</td>
<td>Dr. T.K. Radhakrishnan</td>
<td>Member</td>
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<td>71.</td>
<td>Dr. T.N. Janakiraman</td>
<td>Member</td>
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<td>72.</td>
<td>Dr. V.J. Sivakumar</td>
<td>Member</td>
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<td>73.</td>
<td>Dr. V. Kumaran</td>
<td>Member</td>
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<td>74.</td>
<td>Dr. V. Ravichandran</td>
<td>Member</td>
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<td>75.</td>
<td>Dr. V. Sankaranarayanan</td>
<td>Member</td>
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<td>76.</td>
<td>Dr. V. Vinod Balakrishnan</td>
<td>Member</td>
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<td>77.</td>
<td>Dr. M. Arivazhagan</td>
<td>Secretary (i/c)</td>
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<td>78.</td>
<td>Dr. G. Lakshmana Gomathi Nayagam</td>
<td>Special Invitee</td>
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<td>79.</td>
<td>Dr. G. Muruganantham</td>
<td>Special Invitee</td>
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<td>80.</td>
<td>Dr. K. Thirumaran</td>
<td>Special Invitee</td>
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<tr>
<td>81.</td>
<td>Dr. Rajeswari Sridhar</td>
<td>Special Invitee</td>
</tr>
</tbody>
</table>

Minutes of 55th Meeting of the Senate held on 2nd July 2021
82. Dr. S. Mekala  
   Special Invitee  
83. Dr. T. Sivasankar  
   Special Invitee  
84. Dr. V. Mariappan  
   Special Invitee  
85. Dr. P. Srinivasa Rao Nayak  
   Special Invitee  
86. Dr. P. Senthil  
   Special Invitee  
87. Dr. R. Raghavan  
   Special Invitee  

The following members expressed their inability to attend the meeting:  
88. Dr. K. Sundareswaran  
   Member  
89. Dr. K. Viswanathan Iyer  
   Member  
90. Dr. C. Nagamani  
   Member  
91. Dr. R. Karvembu  
   Member  
92. Dr. T. Srinivasa Rao  
   Member  

The following member did not attend the meeting:  
93. Dr. J. Hemalatha  
   Member  
94. Dr. M. Punniyamoorthy  
   Member  
95. Dr. Michael Arock  
   Member  
96. Dr. P. Sathiya  
   Member  
97. Dr. R. Ponalagusamy  
   Member  
98. Dr. S. Arul Daniel  
   Member  
99. Dr. S. Nickolas  
   Member  
100. Dr. S. Sudha  
   Member  
101. Dr. T. Srinivas  
   Member  
102. Dr. V. Muthupandi  
   Member  

The Chairperson, Senate welcomed the members to the 55th Meeting of Senate and having ensured a quorum, continued with the proceedings of the Senate. She shared some of the major achievements and developments since the last meeting of the Senate. She thanked the outgoing external members of the Senate, Dr. K. Ramamurthy (IIT Madras), Dr. Gurumurthy Neelakandan (IIT Kanpur) and Dr. G.C. Anupama (Institute of Astrophysics, Bangalore) who have served for the past three years. She specially welcomed the newly appointed external members of the Senate, Dr. G.K. Ananthasuresh (IISc Bangalore), Dr. Haripriya Gundimeda (IIT Bombay) and Dr. M. Thamban Nair (IIT Madras).

The Chairperson appreciated the relentless contributions of Dr. S. Natarajan, Department of Metallurgical and Materials Engineering, who had retired from services on 30-06-2021. She also appreciated enormous contributions made by Dr. P. Jayabalan, Department of Civil Engineering and Dr. V. Muthupandi, Department of Metallurgical and Materials Engineering who will retire from services on 31-07-2021 and 31-08-2021, respectively.

The Chairperson briefed the developments with respect to MOOC activities as NIT ...
Tiruchirappalli being appointed as the National MOOC coordinator by MHRD for UG and PG engineering courses in May 2020. The Chairperson was glad to announce that an amount of rupees three crores was sanctioned recently and the studio for the preparation of MOOC courses is under process. Also, the Chairperson was hopeful to upload the MOOC courses in Swayam flat form in few months’ time. She was happy to share that the 650 SF Super Computer would be installed and would be functional in three months’ time.

She wants to place on record the Senate that the three Centres of Excellence, Advanced Manufacturing & Automation, Energy Harvesting & Storage, and Particulate Emission from Combustion & Industrial Processes, are ready for inauguration in the month of July 2021. These Centre’s would cater the needs of the institute and industries, and Chairperson appreciated the effort of the faculties who have initiated the development of these Centre’s.

The Chairperson was happy to announce that the MoU between ISRO and NIT Tiruchirappalli has been extended for another two years. She requested all the faculties to encourage all the UG, PG and Ph.D. students to utilize the facilities of the ISRO S-TIC CELL developed under this MoU and solve the real time issues in relation with ISRO scientists.

Based on the approval of the direct Ph.D. and integrated Ph.D. programme in the 54th Senate meeting, there were overwhelming response to the Ph.D. advertisement under this scheme and more than 1000 application have been received till date. As reported earlier 13 PMRF’s was awarded out of the 16 allotted, and setup of network of the PMRF’s awardees is in the process. Also, workshops and technical events is also to be organized for them. The review process of the post-doctoral fellows (PDF’s) have been completed, and due to COVID-19 situation and other related issues the PDF’s couldn’t complete their task. Hence, the Chairperson informed to the Senate and the HoD’s that the institute is planning to extend the tenure of PDF’s till May 2022. The recruitment process of temporary faculty has been initiated to compensate the vacancies in various department. The Chairperson congratulated all the departments for actively conducting online faculty development programmes.

The Chairperson informed that RECAL, the Alumni Association of NIT Tiruchirappalli had created a scheme called RECAL CARES to support the COVID-19 affected students, staff, faculties, alumni and immediate neighbourhood of the Institute. RECAL had raised an amount of Rs. Two Crores in a time span of less than a month. Out of this, nearly half of the amount has been allotted to the needs of NIT Tiruchirappalli to tackle COVID-19 related issues. Four oxygen concentrators were already provided to our hospital and
building up of mobile oxygen generators by our institute is under process through this fund. The financial assistance to students who have lost their parents and orphanages nearby institute, and groceries to support staffs are other activities performed under this RECAL CARES scheme. In addition to these activities, RECAL have plan of conducting health upon competition among faculties and staffs, and research prototype grant both put together for Rs.40 Lakhs. The school going and college going children of the deceased staffs are also to be supported by this scheme.

Following the welcome address, the Registrar (i/c) opened the deliberations on the agenda items.

1. **Confirmation of the Minutes of 54th Meeting of the Senate held on 21st May 2021**

   The Senate resolved to confirm the minutes of the 54th Meeting of the Senate.

   **RESOLUTION**

   **RESOLVED THAT** the Minutes of 54th Meeting of Senate held on 21st May 2021 be confirmed.

2. **Action Taken Report on the decisions of the 54th Meeting of the Senate**

   The Action Taken Report of the previous meetings of the Senate were discussed.

   **54/SENATE/2021/2**: The academic audit report for the two courses:
   1. CEPC15 Concrete Technology/ II Year B.Tech. Civil Engineering, and
   2. MEIR11 Basics of Mechanical Engineering/ I Year B.Tech. ICE

   The Dean (Academic) presented the audit report for the course MEIR11. Based on the question papers and answer sheets of the course, the expert had pointed that the standard of the question was “medium” with few minor grammatical errors which could be improved and was fully satisfied with the answer sheet evaluation.

   The audit report for the courses CEPC15 could not be presented as the expert requested for additional materials for the completion of the report. The audit report for this course will be presented during the next meeting.

   **RESOLUTION**

   **RESOLVED THAT** the action taken by the O/o Dean (Academic) be noted with the above-mentioned observation.
**APPROVAL ITEMS**

3. **Results of UG and PG courses (except II Semester B.Tech./B.Arch. and II Semester MCA) for the January session 2020-21**

The Senate approved the results of UG and PG courses (except II Semester B.Tech./B.Arch. and II Semester MCA) for the January session 2020-21 as approved by the respective Performance Analysis Committees (PACs).

**RESOLUTION**

RESOLVED THAT the results of UG and PG courses (except II Semester B.Tech./B.Arch. and II Semester MCA) for the January session 2020-21 as approved by the respective PACs be approved.

FURTHER, RESOLVED THAT the two laboratories in the II Semester M.Tech. (Industrial Engineering & Management) and one laboratory in the II Semester M.Tech. (Manufacturing Technology) be moved to the next semester as requested by the HOD/Production.

4. **Award of UG / PG / M.S. (by Research)/ Ph.D. degrees and Award of medals in the 17th Convocation, 2021**

The 17th Convocation of NIT, Tiruchirappalli is scheduled to be held during September 2021. As on 1st July 2021, a total (tentative) of 848 UG, 727 PG, 9 M. S. (by Research) and 101 Ph.D. graduands shall receive the degree during the convocation. Out of these, 56 students shall receive B.Tech. (Honors) degree and 608 students shall receive B. Tech. degree with Minor. Due to the pandemic some UG students will be writing their final exams shortly and the list of medal winners will be available after the completion of these exams.

The Senate approved the award of degrees to the eligible graduands. The Senate authorized the Chairperson, Senate to approve the award of degrees and medals for the students who will complete the degree requirements up to 10 days prior to the forthcoming Convocation.

**RESOLUTION**

RESOLVED THAT the award of UG / PG / M. S. (by Research) and Ph.D. degrees in the 17th Convocation be approved. The Senate authorized the Chairperson, Senate to approve the award of degrees and medals for the students who will complete the degree requirements up to 10 days prior to the forthcoming Convocation.
5. **Modified curriculum and syllabi for B.Tech. (ECE), M.Tech. (VLSI System) and M.Tech. (Communication Systems) programmes**

The HOD/ECE presented the modified curriculum and syllabus as recommended by the Boards of Studies (BoS) for the UG and PG programmes as in Annexure - I. As per the new curricula for the UG programmes which come into force for the batches admitted from 2019-20, the credits of Honors courses has been modified along with addition/shifting of courses as elective and Honors course list. For the PG programmes, two new courses with code EC635 and EC628 were introduced in M. Tech. (VLSI System) and one new course with code EC654 was introduced in M. Tech. (Communication Systems).

*The Senate accepted the recommendations of the Board of Studies (BoS) for B. Tech. (ECE), M. Tech. (VLSI System) and M. Tech. (Communication Systems).*

**RESOLUTION 55/SENATE/2021/5**

**RESOLVED THAT** the modified curriculum and syllabus as recommended by respective Boards of Studies for B.Tech. (ECE), M.Tech. (VLSI System) and M.Tech. (Communication Systems) programmes be approved.

6. **Requests from students**

a. **Extension of B.Tech. registration beyond the prescribed period of completion**

The Dean (Academic) briefed the request from the B.Tech. student – S Harish Vignesh Kumar, Roll No. 107115033, B.Tech. (EEE) – requesting extension of his registration for one year beyond the prescribed period of completion. The student had cited health issues for his inability to complete the course. The Senate after reviewing the number of courses to be completed, accepted to extend his registration for another one year (until 30th June 2022).

**RESOLUTION 55/SENATE/2021/6**

**RESOLVED THAT** the B. Tech. registration extension of S Harish Vignesh Kumar (Roll No. 107115033) for one year (until 30th June 2022) be approved.
RATIFICATION ITEMS

7. Award of provisional degree to M.S. (by Research) and Ph.D. scholars who have successfully completed the requirements for the award of the degree

The Senate ratified the award of provisional degree to 11 Ph.D. scholars (Annexure - II).

RESOLUTION

RESOLVED THAT the award of provisional degree to M.S. (by Research) and Ph.D. scholars be ratified.

8. Any other item with permission of the Chairperson, Senate

The Meeting concluded with thanks to the Chair.

Secretary, Senate

Chairperson, Senate

Minutes of 55th Meeting of the Senate held on 2nd July 2021
### Recommendations of the Board of Studies (BoS)

- **Department**: ECE
- **Degree**: B.Tech.
- **Name of the Programme**: B.Tech. - ECE
- **Batch**: 2019 onwards
- **Date of BoS**: 15-05-2021 through online by circulation

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Existing Curriculum/Syllabus</th>
<th>Proposed changes in the Curriculum/Syllabus</th>
<th>Remarks, if any</th>
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<tbody>
<tr>
<td>1.</td>
<td>ECHO13 Wavelet Signal Processing (3 credit)</td>
<td>Syllabus is updated and made to 4 credits</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>ECHO22 Design of ASICs (3 credit)</td>
<td>Syllabus is updated and made to 4 credits</td>
<td></td>
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<tr>
<td>3.</td>
<td>ECHO24 Optimizations of Digital Signal Processing Structures for VLSI (3 credit)</td>
<td>Syllabus is updated and made to 4 credits</td>
<td></td>
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<tr>
<td>4.</td>
<td>ECHO30 Digital Signal Processing for Medical Imaging (3 credit)</td>
<td>Syllabus is updated and made to 4 credits</td>
<td></td>
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<tr>
<td>5.</td>
<td>ECPE25 Advanced Digital Signal Processing is listed as Elective. (3 credit)</td>
<td>Updated, Removed from Elective list, moved to Honours list with code ECHO34 and made to 4 credits</td>
<td></td>
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<tr>
<td>6.</td>
<td>ECHO21 Electronic Design Automation Tools is listed as honours course.</td>
<td>Moved to Elective list and given code ECPE41.</td>
<td></td>
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<td>7.</td>
<td>Not Existing</td>
<td>Electromagnetic interference and compatibility is included as elective with code ECPE42.</td>
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**Signature of the HoD with Seal**

**Date**: 18-05-2021
# Recommendations of the Board of Studies (BoS)

- **Department**: ECE  
- **Degree**: M.Tech.  
- **Name of the Programme**: VLSI System  
- **Batch**: 2021 onwards  
- **Date of BoS**: 15-05-2021 through online by circulation

<table>
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<tr>
<th>Sl. No.</th>
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<th>Remarks, if any</th>
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<tr>
<td>1.</td>
<td>Not Existing</td>
<td>EC628 Pattern recognition and computational intelligence is included as Elective.</td>
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<tr>
<td>2.</td>
<td>Not Existing</td>
<td>EC 635 Electromagnetic interference and compatibility is included as Elective.</td>
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- **Department**: ECE  
- **Degree**: M.Tech.  
- **Name of the Programme**: Communication Systems  
- **Batch**: 2021 onwards  
- **Date of BoS**: 15-05-2021 through online by circulation

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<tbody>
<tr>
<td>1.</td>
<td>Not Existing</td>
<td>EC654 Electronic Design Automation Tools is included as Elective</td>
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Signature of the HoD with Seal  

Date: 18-05-2021
# Annexure - II

## Details of Ph.D. Scholars to be awarded Provisional Certificate

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Roll No &amp; Name</th>
<th>Title of the Thesis</th>
<th>Name of the Guide</th>
<th>Co-Guide</th>
<th>Date of Admission</th>
<th>Date of Viva-voce</th>
<th>Indian Examiner</th>
<th>Foreign Examiner</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>407117007 Satheesh Krishnan G</td>
<td>Development, Implementation and Analysis of Modified Swarm Intelligence Techniques towards Maximum Power Point Tracking in Photovoltaic Systems</td>
<td>Dr. K. Sundareswaran / EEE</td>
<td>--</td>
<td>17.07.2017</td>
<td>17.05.2021</td>
<td>Dr Arun Karuppaswamy B, Assistant Professor, IIT Madras</td>
<td>Dr Ahmed Zobaa, Reader in Electrical and power Engineering Brunel University, London, UK</td>
</tr>
<tr>
<td>2.</td>
<td>411913003 M. Kirubakaran</td>
<td>Development and Investigation on Renewable Nano Catalyst for Biodiesel Optimization from Waste Chicken Fat and its Performance Characteristics in a CI Engine</td>
<td>Dr. V. Arul Mozhi Selvan / Mech.</td>
<td>--</td>
<td>30.08.2013</td>
<td>19.05.2021</td>
<td>Dr. V. Prabu, Associate Professor, Indian Institute of Technology Guwahati</td>
<td>Dr. Hwai Chyuan Ong, Senior Lecturer, University of Technology Sydney, Australia</td>
</tr>
<tr>
<td>3.</td>
<td>411116004 A. Santhoshkumar</td>
<td>Energy-efficient fuel extraction from hazardous waste engine oil and its application in diesel engine using advanced injection strategy</td>
<td>Dr. R.Anand / Mech.</td>
<td>--</td>
<td>04.08.2016</td>
<td>19.05.2021</td>
<td>Dr. S K Tyagi, Associate Professor, IIT Delhi</td>
<td>Dr. Francisco Javier Rodriguez Varela, Professor, Carr. Saltillo-Monterrey km. 13, Ramos Arizpe, Coahuila</td>
</tr>
<tr>
<td>4.</td>
<td>405115008 N. Karthika</td>
<td>Multi-Variate Data Indexing For Retrieval, Clustering and Classification</td>
<td>Dr. B. Janet/CA</td>
<td>--</td>
<td>27.08.2015</td>
<td>01.06.2021</td>
<td>Dr. Subramanian N Senior Director (R D) at C-DAC Pune Maharashtra, India.</td>
<td>Dr. Xiaolei Wang Aalto University AALTO Finland Rauduntie 7 M 02130 Espoo, Finland</td>
</tr>
<tr>
<td>5.</td>
<td>416115001 M. Jagadeeswari</td>
<td>Approximation of Fuzzy Numbers and its generalizations towards Multi Criteria Decision Making Problems</td>
<td>Dr. V. Lakshmana Gomathiy Nayagam / Maths</td>
<td>--</td>
<td>06.08.2015</td>
<td>04.06.2021</td>
<td>Dr Debjani Chakraborty, Professor, Indian Institute of Technology Kharagpur</td>
<td>Dr. Florentin Smarandache, Professor, Mathematics and Science Division, University of New Mexico, United States</td>
</tr>
<tr>
<td>6.</td>
<td>412116003 Amruthaluru Sai Kiran</td>
<td>Surface Modification of Interstitial Free Steels by Plasma Electrolytic Oxidation</td>
<td>Dr. N. Ramesh Babu / MME</td>
<td>Dr. L. Rama Krishna</td>
<td>04.08.2016</td>
<td>09.06.2021</td>
<td>Dr. Haridoss Prathap, Professor, IIT Madras</td>
<td>Dr. Krishnan Raja, Associate Professor, University of Idaho, USA</td>
</tr>
<tr>
<td>No.</td>
<td>Code</td>
<td>Name</td>
<td>Title</td>
<td>Supervisor 1</td>
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<td>414115003</td>
<td>Sivaprasad P V</td>
<td>A Comparative Study for Micro-Drilling In Hastelloy-X by using Laser And Laser Combined EDM And ECM</td>
<td>Dr. A. Noorul Haq / Production</td>
<td>Dr. K. Pannerselvam / Production</td>
<td>Dr I. A. Palani, Associate Professor, Indian Institute of Technology-Indore</td>
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<td>Dr. Weidong Li, Professor, Faculty of Engineering, Coventry University, CV1 5FB, UK</td>
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<td>Appikonda M Durga Kumar</td>
<td>Modelling And Control Of DC - DC Converter With Voltage Multiplier Cells For Photovoltaic System Application</td>
<td>Dr. Dhanalakshmi K / ICE</td>
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<td>Dr. B Venkatesa Perumal, Professor, National Institute of Technology Karnataka, Surathkal</td>
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<td>Dr. P. Sanjeevikumar, Assistant Professor, Department of Energy Technology, Aalborg University – Esbjerg Campus, Denmark.</td>
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<td>Sivaraman. S</td>
<td>Axial and Lateral Load Capacity Analysis of Piles Considering Consolidation Effect of Soft Clay</td>
<td>Dr. K. Muthukumaran / Civil</td>
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<td>Dr. Chandresh H. Solanki, Professor, SVNIT Surat</td>
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<td>Dr. Alessandro Flora, Professor, University of Naples Federico II, Naples, Italy</td>
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<td>Geetha R</td>
<td>An Experimental Study on Effectuating Language Learning Strategies to Promote the Writing Skills of Polytechnic Students</td>
<td>Dr. S. Mekala / HSS</td>
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<td>Dr. Binod Mishra, Professor, IIT Roorkee, Uttarakhand</td>
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<td>Dr. Soe Marlar Lwin, Associate Professor, Singapore University of Social Sciences, Singapore.</td>
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<td>11.</td>
<td>405115006</td>
<td>K V Sriharsha</td>
<td>Depth sensing mechanism using optical imaging with inherent machine learning and deep learning techniques</td>
<td>Dr. P.J.A.Alphonse / CA</td>
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<td>Dr Amritanshu Pandey, Associate professor, IIT BHU, Varanasi</td>
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<td>Dr. Vasile Palade, Professor, Coventry University, UK</td>
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