## Minutes of the $43{ }^{\text {rd }}$ Meeting of the Senate of National Institute of Technology, Tiruchirappalli held on 22 ${ }^{\text {nd }}$ March 2019 at 11.00 AM in A13 Hall, NIT, Tiruchirappalli

The following Members were present in the Meeting:

1. Dr. Mini Shaji Thomas
2. Dr. K. Ramamurthy
3. Dr. Gurumurthy Neelakandan
4. Dr. P. J. A. Alphonse
5. Dr. N. Ammasai Gounden
6. Dr. R. B. Anand
7. Dr. S. Anandan
8. Dr. N. Anantharaman
9. Dr. M. Arivazhagan
10. Dr. S. Arul Daniel
11. Dr. G. Arthanareeswaran
12. Dr. P. Asokan
13. Dr. A. K. Bakthavatsalam
14. Dr. S. R. Balasundaram
15. Dr. K. Baskar
16. Dr. M. Bhaskar
17. Dr. A. Chandra Bose
18. Dr. L. Cindrella
19. Dr. D. Deivamoney Selvam
20. Dr. M. Duraiselvam
21. Dr. N. Gopalakrishnan
22. Dr. J. Hemalatha
23. Dr. T. N.Janakiraman
24. Dr. P. Jayabalan
25. Dr. R. Jeyapaul
26. Dr. P. Kalaichelvi
27. Dr. P. A. Krishnan
28. Dr. S. Kumanan
29. Dr. S. Kumaran
30. Dr. V. Kumaran
31. Dr. N. Kumaresan
32. Dr. S. P. Kumaresh Babu
33. Dr. G. Lakshmi Narayanan
34. Dr. C. Mala
35. Dr. K. M. Meera S. Begum

Chairperson
External Member
External Member
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| 36. | Dr. Michael Arock | Member |
| :---: | :---: | :---: |
| 37. | Dr. S. Moses Santhakumar | Member |
| 38. | Dr. R. Murugesan | Member |
| 39. | Dr. P. Muthuchidambaranathan | Member |
| 40. | Dr. K. Muthukkumaran | Member |
| 41. | Dr. K. Muthukumar | Member |
| 42. | Dr. V. Muthupandi | Member |
| 43. | Dr. C. Nagamani | Member |
| 44. | Dr. S. Natarajan | Member |
| 45. | Dr. S. Nickolas | Member |
| 46. | Dr. P. Palanisamy | Member |
| 47. | Dr. R. Ponalagusamy | Member |
| 48. | Dr. M. Premalatha | Member |
| 49. | Dr. T. K. Radhakrishnan | Member |
| 50. | Dr. B. Ramadoss | Member |
| 51. | Dr. Ramakalyan Ayyagari | Member |
| 52. | Dr. S. Raman Sankaranarayanan | Member |
| 53. | Dr. N. Ramasubramanian | Member |
| 54. | Dr. S. T. Ramesh | Member |
| 55. | Dr. V. Ravi Chandran | Member |
| 56. | Dr. B. Ravisankar | Member |
| 57. | Dr. Samson Mathew | Member |
| 58. | Dr. S. Shanmugam | Member |
| 59. | Dr. V. J. Sivakumar | Member |
| 60. | Dr. N. Sivakumaran | Member |
| 61. | Dr. S. P. Sivapirakasam | Member |
| 62. | Dr. P. Sivashanmugam | Member |
| 63. | Dr. T. Srinivas | Member |
| 64. | Dr. D. Sriram Kumar | Member |
| 65. | Dr. G. Subbaiyan | Member |
| 66. | Dr. K. Sundareswaran | Member |
| 67. | Dr. M. Udayakumar | Member |
| 68. | Dr. G. Uma | Member |
| 69. | Dr. M. Umapathy | Member |
| 70. | Dr. B. Vasuki | Member |
| 71. | Dr. Ar. Veerappan | Member |
| 72. | Dr. S. Velmathi | Member |
| 73. | Dr. S. Venkatachalapathy | Member |
| 74. | Dr. A. Venkataswamy Reddy | Member |
| 75. | Dr. V. Vinod Balakrishnan | Member |
| 76. | Dr. K. Viswanathan Iyer | Member |


| 77. | Shri. A. Palanivel | Secretary |
| :--- | :--- | :--- |
| 78. | Dr. R. Joseph Ponniah | Special Invitee |
| 79. | Dr. A. Meenatchi Sundram | Special Invitee |
| 80. | Dr. P. Saikrishnan | Special Invitee |
| 81. | Dr. P. Sridevi | Special Invitee |
| 82. | Dr. Rajeswari Sridhar | Special Invitee |
| 83. | Dr. T. Ramesh | Special Invitee |
| 84. | Dr. V. Arul Mozhi Selvan | Special Invitee |
| 85. | Dr. R. Gandhimathi | Special Invitee |

The following members expressed their inability to attend the meeting:

1. Dr. G. C. Anupama
2. Dr. K. Dhanalakshmi
3. Dr. R. Karvembu
4. Dr. R. Leela Velusamy
5. Dr. K. Murugesan
6. Dr. P. Sathiya
7. Dr. G. Swaminathan
8. Dr. B. Venkataramani

The following members did not attend the meeting:

1. Dr. N. P. Gopalan
2. Dr. Mary Saira Bhanu
3. Dr. R. Narayanasamy
4. Dr. C. Natarajan (on medical ground)
5. Dr. M. Punniyamoorthy
6. Dr. S. Raghavan
7. Dr. J. Sarat Chandra Babu
8. Dr. D. Sastikumar
9. Dr. T. Srinivasa Rao
10. Dr. S. Sudha
11. Dr. N. Thamaraiselvan

External Member
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highlighted the remarkable increase in research publications, citations in Scopus and Web of Science, patents filed, published and awarded in 2018 over the previous years.

The Chairperson also emphasized the significant increase in the number of sponsored research projects by different funding agencies and revenue generation through consultancy projects in the financial year 2018-19. The Chairperson highlighted the recent seven sponsored projects funded by MHRD under Scheme for Promotion of Academic and Research Collaborations (SPARC) scheme and congratulated the faculty members for their achievements.

The Chairperson cited the recent programme on "Leadership for Academicians Programme" organized by NIT, Tiruchirappalli, in collaboration with Nanyang Technological University (NTU), Singapore (International Partner) and Indian Institute of Information Technology Sri City (IIITS) as the Organizing Partner. She highlighted that the NIT, Tiruchirappalli is the only NIT among 15 institutions selected by MHRD, Government of India to organize this programme under the scheme "National Initiative for Leadership Development in Higher Educational Institutions (HEIs)", congratulating the programme coordinators Prof. K. Bakthavatsalam and Prof. R. Jeyapaul for their assistance rendered on organizing this event.

The Chairperson remarked the grand finale of Smart India Hackathon (SIH2019) software edition hosted by NIT, Tiruchirappalli and highlighted that our institute had been chosen by the Ministry of Human Resource Development as one of the centers to host this function.

The Chairperson added highlighting that NIT Tiruchirappalli had been ranked third among Centrally Funded Technical Institutions / Universities and the only NIT among the thirty-one NITs in the country to find a place in Swachh Campus Ranking among the awardees. She also cited about Margdarshan (Share and Mentor Institutions) scheme - an initiative by AICTE designed to implement the 'Hub and Spoke' system to which NIT, Tiruchirappalli is the only NIT that has been granted the status of 'Mentor'.
The chairperson appreciated the notable student achievements during 2018 and elaborated on the future directions for NIT, Tiruchirappali in line with the Strategic Plan 2019-24 with the mission of "Locally Relevant, Globally Competitive" and to be in the top 500 Institutions in the world with the help of stakeholders.
Following the welcome address by the Chairperson, Registrar started the deliberations on the agenda items.

## 1. Confirmation of the Minutes

a) The $41^{\text {st }}$ Meeting of Senate held on $29^{\text {th }}$ November 2018.

The Senate resolved to confirm the minutes of the $41^{\text {st }}$ Meeting of the Senate.
RESOLUTION RESOLVED THAT the Minutes of $41^{\text {st }}$ Meeting of 43/SENATE/2019/1(a) Senate held on $29^{\text {th }}$ November 2018 be confirmed.
b) $42^{\text {nd }}$ Meeting of the Senate held on $24^{\text {th }}$ January 2019

The Senate resolved to confirm the minutes of the $42^{\text {nd }}$ Meeting of the Senate.

## RESOLUTION

 43/SENATE/2019/1(b)RESOLVED THAT the Minutes of $\mathbf{4 2}{ }^{\text {nd }}$ Meeting of Senate held on $24^{\text {th }}$ January 2019 be confirmed.
2. Action Taken Report on the decisions of the $41^{\text {st }}$ and $42^{\text {nd }}$ Meeting of the Senate The Action Taken Report on the $41^{\text {st }}$ and $42^{\text {nd }}$ Meeting of the Senate was discussed and the Senate observed the following.

| a. | 41/SENATE/2018/2 <br> (Reference:40/SENATE/2018/7) ATR: <br> (ii). SWIR11: shall be one credit. The weightage for attendance and performance shall be reviewed. <br> (iii). The title of the course for the subjects "MAIR11 Mathematics - I" and "MAIR21 Mathematics II" shall be modified based on course contents. <br> (iv). Learning objectives of course titled MAIR21 Mathematics - II shall be reviewed and modified by considering all the branches of Engineering. | The Senate was informed that the mooted points regarding the courses "SWIR11 NSS / NCC / NSO", "MAIR11 Mathematics - I" and "MAIR21 Mathematics - II" shall be included in the agenda for the forthcoming BoS meeting for GIR courses and subsequently the recommendations shall be placed in the next Senate meeting. |
| :---: | :---: | :---: |
| b. | 41/SENATE/2018/2 <br> (Reference: 40/SENATE/2018/9) <br> ATR: M. Tech. project work as | The Senate was informed about the recommendations of PG expert |


|  | intern in industry or research institution within India or foreign universities. <br> The detailed guidelines such as mode of review, thesis submission, mode of conduct of viva voce examination and participation of external guides in reviews and viva voce examination for the M. Tech. students who wish to pursue their project work as intern in industry or research institution within India or foreign universities | committee regarding the detailed guidelines. <br> The Senate discussed the matter in detail and approved the following. <br> Those students who want to do their project work as intern in industries / research institutions within India or abroad are permitted with the prior approval from Project Supervisor, HoD, and Dean (Academic). Such students can present their progress review and Phase - I Viva-Voce examination through Video Conferencing. They shall have to submit the soft copy of the progress report before each review and the phase - I project thesis duly certified by the external supervisor. However, it is mandatory to submit the hard copy of Phase - II project thesis on or before the last date of submission and physically present during the Phase - II Viva-Voce Examination as per the $P G$ regulations. |
| :---: | :---: | :---: |
| c. | 41/SENATE/2018/2 <br> (Reference: 40/SENATE/2018/11) ATR: M. S. (by Research) scholars (sponsored by BHEL) seeking resumption of the M.S.(by Research) programme | The Senate approved the recommendations of GTC for the resumption of M. S. (by Research) scholars. The research supervisors of the remaining four scholars are directed to conduct the GTC immediately. |
| d. | 41/SENATE/2018/3 <br> Revised eligibility criteria for | The Department of Architecture was |



RESOLUTION RESOLVED THAT the action taken on the decisions of 43/SENATE/2019/2 $41^{\text {st }}$ and $42^{\text {nd }}$ Meeting of the Senate be noted and approved with the above mentioned observations of the Senate.

## Approval Items

3. Revision of Seat matrix with reservation for Economically Weaker Sections (EWS) as per the revised OM

MHRD has requested every Central Educational Institution to increase the number of seats over and above its annual permitted strength in each branch of study with prior approval of the appropriate authority (MHRD OM, F No: 12-4/2019-U1 dated $17^{\text {th }}$ January 2019). Subsequently, the Institute has received the revised OM (F. No. 35 -4/2019-TS.III dated $5^{\text {th }}$ March 2019) from MHRD regarding the reservation for Economically Weaker Sections (EWS) for admission in Central Educational Institutes. With regard to the NITs and IIEST- Shibpur, the phrase 'in each branch of study or faculty' stands modified as 'in UG, PG and PhD programmes'. Based on this OM, the revised seat matrix (programme-wise) with reservation for EWS has been prepared for all UG, PG and Ph. D. programmes.

The Senate discussed the matter at length and approved the revised seat matrix with reservation for EWS for all UG, PG and Ph.D. programmes as given in Annexure - A. The intake with EWS for all UG and Ph. D. programmes are given in Annexure - B. Also, the Senate approved the following:
a) Increase in seats in all UG and Ph. D. programmes with EWS reservation from the academic year 2019-20.
b) Redistribution of number of seats in DASA scheme among the UG programmes as per demand so that the number of seats under DASA is completely filled.
c) Implementation of EWS for all PG programmes from 2020-21. However, for three PG programmes (M. Arch., MCA and MBA), it was decided to implement the EWS reservations from academic year 2019-20.

Further, the Senate directed the $P G$ expert committee to review the existing $P G$ programmes that requires revision and re-orientation before the implementation of EWS. Besides, the proposed new PG programmes that have undergone the selection process during the IoE proposal can also be reviewed by $P G$ expert committee with appropriate subject experts.

RESOLUTION RESOLVED THAT the revised seat matrix with 43/SENATE/2019/3 reservation for EWS as per new OM for all UG, PG and Ph. D. programmes be approved with above mentioned observations.
4. Curriculum and syllabi for the proposed new PG programme in Department of Mathematics

The Senate approved the request to start the new PG Programme in M.Sc. (Mathematics) from the academic year 2019-20 without any additional faculty, laboratory and other financial commitment from the institute with an initial intake of 25, inclusive of EWS reservation. However, the curriculum shall be restructured as per the guidelines for $P G$ programmes (Science stream).

Further, the Senate noted the following:
a) The duration of the M.Sc. (Mathematics) programme will be two-years (4 semester) with minimum 65 credits as per $P G$ regulations.
b) Admission to M.Sc. (Mathematics) programme will be done through centralised counselling for M.Sc. admissions (CCMN) based on Joint Admission Test for M.Sc. (JAM) score in Mathematics.

| RESOLUTION | RESOLVED THAT the proposal (curriculum and syllabi) |
| :--- | :--- |
| 43/SENATE/2019/4 | to start new PG Programme in M.Sc. (Mathematics) from |
|  | the academic year 2019-20 with an initial intake of 25, |
|  | inclusive of EWS reservation be approved without any |

additional faculty, laboratory and other financial commitment from the institute. However, the curriculum shall be restructured as per the guidelines for PG programmes (Science stream).

FURTHER RESOLVED THAT the admission to M.Sc. (Mathematics) programme will be done through centralised counselling for M.Sc. admissions (CCMN) based on Joint Admission Test for M.Sc. (JAM) score in Mathematics.
5. Modified seat matrix for M. Tech. (Energy Engineering)

The Senate approved the revised seat matrix for M. Tech. (Energy Engineering) as proposed in Table 1 from 2019-20 onwards. However, the Senate directed the Department to provide the reasons for not considering all branches of Engineering by proper mapping of the existing subjects or advised to include more subjects so that the other branches of Engineering shall be part of M. Tech. Energy Engineering.

Table 1 Modified Seat Matrix for M. Tech. (Energy Engineering)

| Stream | Revised Seats |
| :--- | :---: |
| Mechanical | 16 |
| Electrical | 7 |
| Chemical | 3 |
| Bio-Technology | 2 |

RESOLUTION RESOLVED THAT the modified seat matrix for 43/SENATE/2019/5 M. Tech. (Energy Engineering) be approved with above mentioned observations.
6. Requests from Departments
(i). Directed study courses for Ph. D.

The following courses (Table 2) are recommended by the Doctoral Committees of the research scholars of various departments.

Table 2 List of directed study courses approved by Doctoral Committees

| Department | Courses |
| :--- | :--- |
| Civil Engineering | 1. Behavioural Travel Modelling |
| Mathematics | 1. Approximation Theory |
|  | 2. Convex Analysis |
| Humanities and | 1. Complete Writings of Michel Foucault |
| Social Sciences | 2. Classical Sanskrit Drama |
|  | 3. Comparative Ethics |
|  | 4. The Tradition of Anglo-Indian Fiction |
|  | 5. Anglo-Indian Women's Writings |

The Senate approved the directed study courses and the syllabi as recommended by doctoral committees of the research scholars of various Departments.

## RESOLUTION

43/SENATE/2019/6/
Item (i)

RESOLVED THAT the directed study courses recommended by the Doctoral Committees be approved.
(ii). To consider the request from HoD, Department of Management Studies, in respect of revised eligibility criteria need to be considered for admission into Ph.D. programme in Department of Management Studies.

The Senate discussed the proposed eligibility criteria in detail and observed that the changes mentioned in the eligibility criteria for admission into Ph. D. programme in Department of Management Studies are not vivid. Hence, the Senate directed the Dean (academic) to constitute an institute level committee to review the existing guidelines for admission into all Ph. D. programmes in the institute and submit the recommendations to the Senate for approval.

RESOLUTION
43/SENATE/2019/6/
Item (ii)

RESOLVED THAT the proposed changes in
eligibility criteria for admission into Ph.D.
programme in Department of Management Studies
are not vivid. Hence, the Senate directed the Dean
(Academic) to constitute an institute level committee
to review the existing guidelines for admission into all
Ph. D. programmes in the institute and submit the
recommendations to the Senate for approval.
(iii). To consider the request of HoD, Metallurgical and Materials Engineering, to introduce an open elective course titled "Business and Entrepreneurship for Engineers" (BEE) for students of final year B. Tech. in the ensuing semester (July 2019).

The Senate approved the new open elective course "Business and Entrepreneurship for Engineers" (BEE) and the syllabi as recommended by Board of Studies (BoS) of the Department of Metallurgical and Materials Engineering for students of final year B. Tech. in the ensuing semester (July 2019).

## RESOLUTION

43/SENATE/2019/6/
Item (iii)

RESOLVED THAT the new open elective course titled "Business and Entrepreneurship for Engineers" (BEE) and the syllabi as recommended by BoS of the Department of Metallurgical and Materials Engineering be approved for students of final year B. Tech. in the ensuing semester (July 2019).
7. Request from student (s)

To consider the request of Mr. S. Vignesh Sundar (10810080), B. Tech. (ECE), 201014 batch to continue his studies and complete all the pending courses within this semester. As per the regulations, the maximum duration for the completion of programme is 8 years. The student has 12 courses to be completed for his B. Tech. degree.

The Senate discussed the matter in detail and suggested that the student can be permitted as a special case to continue his studies and directed the student to complete all the 12 courses in the academic year 2019-20. Further, the student shall pay the tuition fees and other applicable fees for B. Tech. programme.
RESOLUTION RESOLVED THAT the student be permitted as a 43/SENATE/2019/7 special case to continue his studies and directed to complete all the 12 courses in the academic year 2019-20.

FURTHER RESOLVED THAT the student pay the necessary tuition fees and other applicable fees for B. Tech. programme.

## Ratification Items

8. 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 M. S. (by Research) and Ph. D. scholars as per the list presented in Annexure - C.

RESOLUTION
43/SENATE/2019/8

RESOLVED THAT the award of provisional degree to M. S. (by Research) and Ph. D. scholars be ratified.
9. Results of UG and PG courses in the odd semester 2018-19

The Senate ratified the results of UG and PG courses for the odd semester 2018-19 as approved by the respective Performance Analysis Committees (PACs). The Senate directed the PACs to adhere to the regulations for the award of grades in each course. Also, the results henceforth will be published by the office of Dean (Academic) instead of Heads of Department as per regulations.

RESOLUTION RESOLVED THAT the results of odd semester UG and 43/SENATE/2019/9 PG courses 2018-19 as approved by the respective PACs be ratified.

FURTHER RESOLVED THAT the PACs to adhere to the regulations for the award of grades in each course. The results henceforth will be published by the office of Dean (Academic) instead of Heads of Department as per regulations.
10. Modifications in number of assessments, weightage for final assessment and grading pattern for common / open elective courses

The Senate ratified the proposed measures regarding the number of assessments, weightage for final assessment and grading pattern for common / open elective courses of the composite class.
RESOLUTION
43/SENATE/2019/10
RESOLVED THAT the proposed measures regarding the number of assessments, weightage of final assessment and grading pattern for common / open elective courses of the composite class be ratified.

## Reporting item

11. Cancellation of registration of Ph. D. scholar

The Senate noted the cancellation of registration of Ph. D. scholar Mr. Manoranjan Das (Roll No.: 410115010), Department of Instrumentation and Control Engineering as recommended by Doctoral committee.

RESOLUTION RESOLVED THAT the cancellation of registration of 43/SENATE/2019/11 Ph. D. scholar Mr. Manoranjan Das (Roll No.: 410115010), Department of Instrumentation and Control Engineering as recommended by Doctoral committee be noted.
12. Any other item with permission of the Chairperson, Senate

There are no requests from members.
The Chairperson appreciated the contributions of Prof. A. Venkataswamy Reddy, Department of Computer Applications and Prof. R. Narayanasamy, Department of Production Engineering, who retire from service on 29.03.2019 and 30.05.2019 respectively.

The Meeting concluded with thanks to the Chair.



Chairperson, Senate
Annexure - A


| Category | AY 2019-2020 |  |  |  |  |  | $\begin{gathered} \hline \text { AY 2020-2021 } \\ \text { PG } \\ \hline \end{gathered}$ |  | Total Intake $(\mathbf{a}+\mathbf{e}+\mathbf{f}+\mathbf{g})$ <br> (h) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | UG <br> (B. Tech. and <br> B. Arch) <br> (a) | PG |  |  |  | Ph.D. <br> (e) |  |  |  |
|  |  | MCA <br> (b) | MBA <br> (c) | M.Arch. <br> (d) | Others (M. Tech., M.Sc.) |  | $\begin{gathered} (b+c+d) \\ (f) \end{gathered}$ | Others <br> (g) |  |
| $\begin{aligned} & \text { Existing intake } \\ & \text { (Total) } \end{aligned}$ | 814 | 92 | 92 | 20 | 636 | 117 | 204 | 636 | 1771 |
| OP | 414 | 47 | 47 | 10 | 321 | 59 | 104 | 321 | 898 |
| EWS | 99 | 11 | 11 | 2 | --- | 15 | 24 | 79 | 217 |
| OBC | 275 | 31 | 31 | 7 | 172 | 39 | 69 | 216 | 599 |
| SC | 153 | 17 | 17 | 4 | 95 | 22 | 38 | 120 | 333 |
| ST | 77 | 9 | 9 | 2 | 48 | 11 | 20 | 59 | 167 |
| Intake with EWS (A) | 1018 | 115 | 115 | 25 | 636 | 146 | 255 | 795 | 2214 |
| DASA (B) | 153 | --- | 18 | 4 | 83 | --- | 22 | 104 | 279 |
| Total ( $\mathbf{A}+\mathbf{B}$ ) | 1171 | 115 | 133 | 29 | 719 | 146 | 277 | 899 | 2493 |

Note: In the Academic year 2019-20, EWS will be implemented for all UG, M. Arch., MCA, MBA, and Ph.D. programs only.
Annexure-B
(a) Intake with EWS for UG programs for the Academic Year (AY) 2019-20

| UG/Category | CL | CE | CS | EE | EC | IC | ME | MT | PR | B. Arch. | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Existing Intake (JoSAA) | 62 | 92 | 92 | 92 | 92 | 92 | 92 | 62 | 92 | 46 | $\mathbf{8 1 4}$ |
| Intake with EWS (A) | 78 | 115 | 115 | 115 | 115 | 115 | 115 | 78 | 115 | 57 | $\mathbf{1 0 1 8}$ |
| Existing Intake <br> DASA | 9 | 14 | 14 | 14 | 14 | 14 | 14 | 9 | 14 | 7 | $\mathbf{1 2 3}$ |
| DASA after <br> implementation of EWS <br> (B) | 15 | 10 | 24 | 24 | 24 | 15 | 24 | 4 | 10 | 3 | $\mathbf{1 5 3}$ |
| Grand Total (A+B) | 93 | 125 | 139 | 139 | 139 | 130 | 139 | 82 | 125 | 60 | $\mathbf{1 1 7 1}$ |

(b) Intake with EWS for Ph. D. programs for the Academic Year (AY) 2019-20

| Item / <br> Programme | CL | CE | CS | EE | EC | IC | ME | MT | PR | AR | CH | DEE | HS | CA | MB | MA | PH | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Existing <br> Intake | 5 | 8 | 6 | 7 | 8 | 4 | 8 | 5 | 7 | 5 | 4 | 2 | 3 | 5 | 4 | 5 | 4 | $\mathbf{9 0}$ |
| Intake with <br> EWS | 8 | 13 | 10 | 11 | 13 | 7 | 13 | 8 | 11 | 8 | 7 | 3 | 5 | 8 | 7 | 8 | 6 | $\mathbf{1 4 6}$ |

## Annexure - C

List of M. S. (by Research) and Ph. D. scholars to be awarded provisional certificate

| Sl. No. | Roll No. | Name | Degree | GTC / Viva Date |
| :---: | :---: | :---: | :---: | :---: |
|  | M. S. (by Research) |  |  |  |
| 1. | 306116001 | Dongare Pavan Ravindra | M. S. | 10-12-2018 |
| 2. | 318915008 | A Vijayanand | M. S. | 11-12-2018 |
| 3. | 306916001 | Emil Richard Singh | M. S. | 28-01-2019 |
| 4. | 311914051 | Navoor Sreekanth | M. S. | 01-02-2019 |
| 5. | 317916002 | Gaurav Kumar | M. S. | 05-02-2019 |
|  | Ph. D. |  |  |  |
| 1. | 407113004 | Arun S L | Ph. D. | 30-11-2018 |
| 2. | 404112052 | Vikneshvaran S | Ph. D. | 07-12-2018 |
| 3. | 414914002 | Sarathragavendrababu K E | Ph. D. | 07-12-2018 |
| 4. | 407114056 | Dharavath Kishan | Ph. D. | 18-12-2018 |
| 5. | 412907001 | M Ramakrishnan | Ph. D. | 19-12-2018 |
| 6. | 406113001 | Selvi C | Ph. D. | 20-12-2018 |
| 7. | 413112052 | Saheer Cheemadan | Ph. D. | 02-01-2019 |
| 8. | 401907001 | V Ramprasad | Ph. D. | 07-01-2019 |
| 9. | 408115003 | Samson Daniel R | Ph. D. | 09-01-2019 |
| 10. | 415113051 | Antonette Asumptha J | Ph. D. | 18-01-2019 |
| 11. | 406113002 | Koppala Guravaiah | Ph. D. | 28-01-2019 |
| 12. | 415112002 | Priyadharshini K | Ph. D. | 30-01-2019 |
| 13. | 404113003 | Kiruthiga R | Ph. D. | 04-02-2019 |
| 14. | 404110051 | Jeeva M | Ph. D. | 04-02-2019 |
| 15. | 404909051 | Tamilarasan R | Ph. D. | 07-02-2019 |
| 16. | 414913052 | R M Thirupathi | Ph. D. | 08-02-2019 |
| 17. | 406913003 | B Shameedha Begum | Ph. D. | 11-02-2019 |
| 18. | 407114005 | Suman M | Ph. D. | 11-02-2019 |
| 19. | 411115008 | G Udaya Kumar | Ph. D. | 15-02-2019 |
| 20. | 412114001 | Aneesh Kumar P | Ph. D. | 15-02-2019 |
| 21. | 411912004 | Narayanan K S | Ph. D. | 15-02-2019 |
| 22. | 405113001 | Anandkumar P | Ph. D. | 18-02-2019 |
| 23. | 410115009 | Partha Sarathi V | Ph. D. | 26-02-2019 |
| 24. | 408913053 | E Vinodha | Ph. D. | 28-02-2019 |
| 25. | 407912051 | Dheepanchakkravarthy A | Ph. D. | 01-03-2019 |
| 26. | 405113002 | Balaji C | Ph. D. | 08-03-2019 |
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