



**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH
(AcSIR)**

Proceedings of the 24th Meeting of the Senate

The 24th meeting of Senate of Academy of Scientific and Innovative Research (AcSIR) was held on August 08, 2019 at, 11:00 hrs. at CSIR-Science Centre, Lodhi Road, New Delhi. The meeting was attended by the following members of the Senate:

Sl. No.	Name of Participants	Mode of Participation
1	Prof. Rajender S. Sangwan, Director, AcSIR, Chairman	In Person
2	Prof. K. Ravikumar, Associate Director, AcSIR, Member	In Person
3	Prof. Ajay Dhar, Associate Director, AcSIR, Member	In Person
4	Prof. Deepak Pental, Delhi University, Member	In Person
5	Prof. Sanjay Mittal, IIT, Kanpur, Member	Through Skype
6	Prof. Anjan Ray, CSIR-IIP, Member	In Person
7	Prof. Ashwini Nangia, CSIR-NCL, Member	In Person
8	Prof. Sanjay Kumar, CSIR-IHBT, Member	In Person
9	Prof. G. Narhari Sastry, CSIR-NEIST, Member	In Person
10	Prof. Amitabha Chattopadhyay, CSIR-CCMB, Member	In Person
11	Prof. Suman Kumari Mishra, CSIR-NML, Member	In Person
12	Prof. Shantanu Sengupta, CSIR-IGIB, Member	In Person
13	Prof. Danda Srinivas Rao, CSIR-IMMT, Member	In Person
14	Prof. D. Srinivasa Reddy, CSIR-NCL, Member	In Person
15	Dr. Bhanu Pratap Singh, CSIR-NPL, Member	In Person
16	Dr. Ramanuj Narayan, CSIR-IICT, Member	In Person
17	Prof. GK Patra, CSIR-4PI, Member	In Person
	Ms. Arpita Sengupta, Sr. Manager, AcSIR, Non Member Secretary	In Person

* The member participating through electronic media could participate in discussion and deliberations of the meeting with clarity.

Ms. R. V. Lakshmi, Dr. L. Venkatakrishnan, Prof. Chetan Gadgil, Prof. V. Subramanian and Prof. Harini Nagendra could not attend the meeting due to their other engagements.

The quorum of the meeting was fulfilled.

INITIATION OF THE MEETING

Item No. 1: Welcome address and update of major activities by the Chairman of the Senate:

Prof. Rajender S. Sangwan, the Chairman, Senate extended a warm welcome to all the members of the Senate, who were participating either in person or through video mode.

The Chairman updated the members about the significant achievements of AcSIR including the considerably higher attraction of AcSIR for students as reflected by higher number of admissions in August 2019 session. The Chairman also updated the Senate members that now the Provisional Degrees are being issued within 5 working days of approval of the Viva proceedings by the Chairman,

Senate The Final Degree Certificates are also prepared to be available on demand by the student. The Senate appreciated having learnt that all the Degree Certificates till 6th August 2019 (i.e., just one day before the meeting) were also ready for issuance to students on demand. The members applauded the efforts of AcSIR for these accomplishments in quality and efficiency processes that represent major improvements.

Item No. 2: Confirmation of the minutes of the 23rd meeting of the Senate: The proceedings of the 23rd meeting of the Senate, held on 10th May, 2019 were communicated to the members for which no comments were received. The Chairman, further invited comments from the members, if any, then and there at the meeting. No comments were made by any member and the Senate confirmed the proceedings of the 23rd meeting of the Senate.

Item No. 3: Action Taken Report (ATR) on the 23rd Meeting of the Senate: The Senate members were updated about the actions taken with respect to the decisions and suggestions on each of the Agenda items of the 23rd meeting of the Senate. Members were also updated about the extent of completion /progress of tasks in this regard. Detailed discussions were held on those items where difficulties in implementation were encountered. Only those items where action(s) were still in process are stated below with their current status of progress:

- 1. Item #20(11): Inclusion of “Mathematical & Information Sciences” under “Faculty of Engineering” in addition to its current position under “Faculty of Science”.** The detailed modalities are being worked out in consultation with the Dean/Associate Deans of MIS and Engineering Sciences.
- 2. Item #29: Decision of Status of students whose functional continuity in AcSIR program has ceased or not known:** The Senate was informed that activity of working out the modalities for year-wise cancellation of registration of such students from the student data-base of AcSIR was in process. The cases of 2011 have all been cleared and those of 2012 were under scrutiny.
- 3. Item #39: Proposals received from foreign Universities for collaborative PhD program:** The Senate was updated about the current status of collaboration with University of Western Australia and Deakin University, Australia. The members further proposed that AcSIR should also explore possibility as well as their pros and cons of entering into Agreements with National Institutes and Organizations e.g., ICMR Institutes, AIIMS, ICAR Institutes for collaborative PhD programs.
- 4. Item No. 27: Proposal to keep the AcSIR Admission Portal open throughout the year:** Discussion with the vendor managing the portal is in progress related to modalities for keeping the portal open throughout the year. The Senate was informed that AcSIR is exploring the possibility of integration of the Admission Online Portal with SBI Collect for fee payment for the new admissions. From technical perspectives, the detailed contours of the framework and operationality of the 'Portal open throughout the year' are also being worked out.

ITEMS FOR INFORMATION

Item No. 4 Change of faculty/discipline of study of AcSIR students: Senate noted changes in Faculties by the AcSIR students as detailed below:

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CSIR-Lab	Name of the Student	Faculty	Enrollment No.	Changed Faculty	Revised Enrollment No.
CSIR-CSIO	Dhirendra K. Dhruwe	Physical Sciences	10PP16A15002	Chemical Sciences	10PC16A15002
CSIR-NPL	Bushra Ehtesham	Physical Sciences	10PP18A32002	Engineering Sciences	20PE18A32002
CSIR-NPL	Deepshikha Yadav	Physical Sciences	10PP18A32081	Engineering Sciences	20PE18A32081

Item No. 5: Change of students' PhD program from Regular to Part-Time: The Senate noted the cases, as detailed below, for conversion of PhD program from Regular to Part Time as per AcSIR rules:

Student	Registration No.	Lab	Faculty	Open Colloquium	Approval of Chairman, Senate
Gourav Gupta	10BB13J37012	CSIR-IIIM	Biological Sciences	24.04.2019	24.05.2019

Item No. 6: Students availing Academic Break: The Senate noted the cases of 03 students who had been granted One Time Academic Break following AcSIR rules, as detailed below:

Student	Registration No.	Lab	Faculty	Academic Leave From	Period upto
Arun Raina	10CC15J37023	CSIR-IIIM	Chemical Sciences	24.7.2019	31.05.2020
Santosh Kumar Rath	10CC13A37006	CSIR-IIIM	Chemical Sciences	27.06.2018	31.01.2020
Priyanka Dhaka	10BB17J33001	CSIR-IHBT	Biological Sciences	Extension of Acad. Break from 01.06.2019	05.09.2019

Item No. 7: Student permitted to go abroad for research work in foreign Lab: The Senate noted the case of the following student who had been granted permission to carry out research work at foreign Lab, as detailed below:

Enrollment No.	Student's Name	CSIR Lab	Fellowship	Period of Academic Leave
10BB15J16017	Kusum Khatri	CSIR-CSMCRI	Newton-Bhabha Fellowship by DBT at Aberystwyth University UK	01.05.2019 – 31.08.2019

Item No. 8: Maximum tenure of PhD for students of 2011 and 2012 Batches: The Senate took note of the decision of the Chairman, Senate that the students belonging to the batches of 2011 and 2012 (both January and August session) would be given a chance to submit their thesis by the extended dates as detailed below:

Batch	Final date for submission of PhD Thesis
January 2011	7 th August 2019
August 2011	7 th August 2019
January 2012	31 st December 2019
August 2012	31 st December 2019

Despite this notice, if any of the students of above batches fails to submit his/ her PhD thesis by the mentioned date, his/ her registration in PhD in AcSIR would be cancelled. Nevertheless, students whose registration in Ph.D. gets cancelled as a consequence of non-submission of thesis by the

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mentioned dates, would be free to seek fresh Ph.D. admission in AcSIR on a competitive basis and, if admitted again, credits and grades of course-work successfully completed earlier would be considered for transfer as per extant AcSIR rules.

The Senate suggested that a general notice should be circulated to all the labs for PhD tenure and its extension, which should be considered on the basis of date of enrollment and not be confused with the date of registration.

The Senate further suggested that conduct of DAC meetings for each admission session should be regularized to track the progress of the Degree program of the student and should be monitored by the concerned Associate Deans/Deans for compliance by the Labs through shared databases. Extraordinary delays and deviations should be reported by the Coordinators to the respective Deans/Associate Deans with a copy to the AcSIR HQs.

Item No. 9: Updated information on strength and status of faculty members of AcSIR: The Senate noted the updates in the list of faculty members of AcSIR based on the information received from 31 CSIR Labs due to recruitments, promotions, superannuation, resignations etc. of CSIR Scientists since the 23rd Senate Meeting. It was also appraised that, the information had been updated on the AcSIR website, with approval of the Chairman, Senate.

The Senate was further informed by the Chairman that currently (as on 08th August, 2019), there were a total of 2341 CSIR scientists, who had been recognized as AcSIR Faculty, as detailed below:

- (a) Assistant Professor – 1299; (b) Associate Professor – 523; (c) Professor – 467;
- (d) Outstanding Professor – 27; (e) Emeritus Professor – 25

The Senate took note of the above information.

ITEMS FOR RATIFICATION

Item No. 10: Students selected and admitted for PhD programs of AcSIR for August 2019 session: The Senate ratified the selection of **917** students for PhD program (**820** students for PhD-Science and **97** students for PhD-Engineering) and **36** in **Integrated Dual Degree (MTech-PhD) Program (IDDP)** at **36** CSIR Labs in the August semester of 2019.

The Senate was informed that out of the **953** students selected, **678** students had confirmed their admission in PhD program under the five Faculties of study. The data on Faculty-wise selection and acceptance of offer of admission are tabulated below:

Sl. No.	Faculty	No. of candidates selected	No. of students with confirmation of acceptance of offer till 31.07.2019
1.	Biological Sciences	360	257
2.	Chemical Sciences	253	170
3.	Physical Sciences	198	143
4.	Engineering Sciences	97 + 36 (IDDP)	73 + 27 (IDDP)
5.	Math. & Information Sciences	9	8
TOTAL		953	678

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Item No. 11: Student selection for MTech programs of AcSIR for August 2019 session:

The Senate ratified the selection of **26** students for MTech Program at **03** CSIR Labs (CSIR-CEERI, CSIR-CSIO and NCIR-NCL) in the August 2019 session.

Item No. 12: Student selection for Integrated MSc-PhD program (AcSIR-PHFI) in Clinical Research and Health Informatics: The Senate ratified the selection of **05 and 24** students for the Masters' programs for Health Informatics (at IIPH, Hyderabad) and for Clinical Research (at IIPH, New Delhi) respectively at AcSIR-PHFI.

Item No. 13: Student selection for MSc program in Food Technology at CSIR-CFTRI and Science & Technology Communication at CSIR-NISCAIR:

- i) The Senate ratified the selection of **30** students for M.Sc. in Food Technology at CSIR-CFTRI.
- ii) The Senate ratified the selection of **13** students for M.Sc. in Science & Technology at CSIR-NISCAIR.

Item No. 14: Student selection for Post Graduate Diploma programs on 'Patinformatics' at CSIR- URDIP and 'Advanced Manufacturing Technology' at CSIR-CMERI:

- i) The Senate ratified the selection of **12** students for Post Graduate Diploma in Patinformatics at CSIR-URDIP.
- ii) The Senate ratified the selection of **07** students for Post Graduate Diploma in Advanced Manufacturing Technology at CSIR-CMERI.

Item No. 15: Results and award of PhD Degrees in Science and Engineering: The Senate ratified the result of **144** students (since the 23rd meeting held on 10th May, 2019) who had completed all the academic requirements for the award of PhD degree, including the successful completion of the viva voce examination.

The Senate was informed that since inception, **1809 PhD Degrees had been awarded** by AcSIR (till 06th August 2019) and that the Final Degree Certificates for all awardees upto 6th August, 2019 were ready to be issued on receipt of requests from the students including intended postal address for delivery.

Item No. 16: Results and award of Master's Degrees:

- i) The Senate ratified the result of **08 and 01** students of Integrated M.Sc.-Ph.D Programs for Health Informatics (at IIPH, Hyderabad) and for Clinical Research (at IIPH, New Delhi) respectively.
- ii) The Senate ratified the result of **10** students of Nutrition Biology at CSIR-CFTRI (2017-2019) under Integrated M.Sc.-Ph.D Program.
- iii) The result of **30** students of M.Sc Food Technology at CSIR-CFTRI (2017-2019) is awaited. The Senate authorized the Chairman, Senate to endorse the results for declaration which will be placed at the next meeting of the Senate for information.

Item No. 17: Results and award of Post Graduate Diploma:

- i) The Senate ratified the result of **05** students of PG Diploma in Advanced Manufacturing Technology (PGDAMT) at CSIR-CMERI (2018-2019).
- ii) The Senate ratified the result of **04** students of PG Diploma in Patinformatics at CSIR-URDIP (2018-2019).



ITEM FOR CONCURRENCE

Item No. 18: Minutes of the 16th meeting of Finance Committee: The Senate reviewed the Minutes of the 16th meeting of the AcSIR Finance Committee (FC), except that for Item No. 13 (related to payment of honorarium to personnel at CSIR Labs who help in AcSIR related activities), as placed for consideration for its concurrence. The Chairman, Senate requested a thorough discussion on the recommendations, particularly the recommendation of the FC on the Agenda Item Nos. 11 and 12. The Senate thoroughly discussed the recommendations. A few queries raised by the members on the recommendations of the FC w.r.t. Item No. 11 of the Minutes of the 16th meeting of FC, received by AcSIR before the beginning of the sitting of the Senate were also placed before the Senate and were considered by the House with respect to the subject matter of the Agenda.

The Senate concurred on all the recommendations of the FC that were put up before it for concurrence. The salient points concurred by the Senate are as follows:

- (i) Implementation of Late Fee on Tuition fee after a cut-off date;
- (ii) Revision in honorarium for External Experts for evaluation of AcSIR PhD Thesis to Rs. 4000/- (from Rs. 2000/-) and revision of honorarium to foreign experts for evaluation of PhD thesis and conduct of viva voce to US\$ 100 (from US\$ 200);
- (iii) Audited Accounts of AcSIR for the FY 2018-19, audited by CAG empaneled Auditors;
- (iv) The Senate particularly reviewed in details the recommendations at Item No. 11 of the Minutes, i.e., recommendations with respect to revision of emoluments, terminal benefits, other benefits and Leave and Travel rules for the employees of AcSIR and concurred;
- (v) The estimated financial sustainability of AcSIR for next 10 years (upto 2028-29) (Item No. 12 of the Minutes) in the perspective of proposed revision of emoluments, payment of terminal and other benefits etc. and estimated enhancement in other usual expenses at the rate of 5% (Compounding) received concurrence. The Senate appreciated the estimate analysis and the vision of consideration of long term financial sustainability in this respect of financial resources and deployment. ;
- (vi) Discontinuation/closure of the SBI account of AcSIR held at Tidel Park Branch, Chennai;
- (vii) Creating provision in Agreements with non-CSIR institutes for AcSIR covering the expenses incurred at the non-CSIR institutes (Associate Academic Centres of AcSIR) related to academic activities of AcSIR.

The Senate concurred with all the items recommended by the FC and suggested that those items which would need further approval for implementation, may be taken up, following due process with the competent authority.

ITEMS FOR APPROVAL

Item No. 19: Fixation of Cohort Fees for the year 2020: The Senate approved fixation of Fee for the year 2020 under the new policy of 'Annual Cohort Based Fee' as per recommendation of the Finance Committee. Accordingly, the following is the Tuition fee structure for the various programs for the 2020 cohort:

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Sl. No.	Program (Proposed for 2020 Cohort)	Regular/Semester		Sponsored/Semester (Double of Regular)	
		Full Time	Part Time	Full Time	Part Time
1	PhD (Science)	8000	8000	16000	16000
2	PhD (Engineering)	8000	8000	16000	16000
3	MTech	26000	26000	52000	52000
4	IDDP in Engg.	8000	8000	16000	16000
5	IDDP in Engineering (for conversion to part time after 6 semesters with Provisional MTech Degree)	Difference of 26000 & 8000 for 1 st 4 semesters	Difference of 26000 & 8000 for 1 st 4 semesters	Difference of 52000 & 16000 for 1 st 4 semesters	Difference of 52000 & 16000 for 1 st 4 semesters
6	Masters in Science	26000	26000	52000	52000
7	Integrated MSc-PhD in Science	8000	8000	16000	16000
8	Masters in Science (for exit and conversion to part-time as per rules)	Difference of 26000 & 8000 for 1 st 4 semesters	Difference of 26000 & 8000 for 1 st 4 semesters	Difference of 52000 & 16000 for 1 st 4 semesters	Difference of 52000 & 16000 for 1 st 4 semesters
9	PG Diploma	27000	-	54000	-

Item No. 20: Representation of fail grade on final grade sheet and subsequent clearance after taking re-test: The Senate discussed the matter in detail and it was decided that the final grade card would contain only the final grades that have been secured by a student. The final grade card would not reflect the fail grade or indicate whether the course has been cleared after taking a re-test. However, the semester grade cards would indicate the failed grade and the grades obtained after subsequent re-test. The calculation for SGPA/CGPA would be done only on the basis of passed grades.

Item No. 21: Format for final Certificate issued for Integrated Masters'- PhD and Joint PhD programs of AcSIR: The Senate approved the proposed format for final Certificate Degree issued for the following Programs:

- Integrated MSc-PhD Program
- Integrated MTech-PhD Program
- Integrated Dual Degree MTech-PhD Program
- Joint PhD program through an Agreement

The formats of Certificates are recorded at **Annexure 1** to the Proceedings.



Item No. 22: Proposal for induction of Adjunct Faculty at PHFI-IIPH, New Delhi and at CSIR-CBRI:

- i) The Senate approved recognition and extension of tenure of the Adjunct Faculty of PHFI for another term of three years with faculty designation as per AcSIR norms. The approved list of Adjunct Faculty is as follow:

Name of Faculty	Designation	Organization	Adjunct Faculty Designation
Prof. Sanjay Zodpey	Professor	PHFI-IIPH, New Delhi	Professor
Dr. Sutapa B Neogi	Professor	PHFI-IIPH, New Delhi	Professor
Dr. Niveditha Devasenapathy	Associate Professor	PHFI-IIPH, New Delhi	Associate Professor
Dr. Tanica Lyngdoh	Additional Professor	PHFI-IIPH, New Delhi	Professor
Dr. Shifalika Goenka	Professor	PHFI-IIPH, New Delhi	Professor
Dr. Preeti Negandhi	Additional Professor	PHFI-IIPH, New Delhi	Professor
Dr. Ranjana Singh	Associate Professor	PHFI-IIPH, New Delhi	Associate Professor
Dr. Himanshu Negandhi	Additional Professor	PHFI-IIPH, New Delhi	Professor
Dr. Suparna Ghosh Jerath	Additional Professor	PHFI-IIPH, New Delhi	Professor
Mr. Shomik Ray	Associate Professor	PHFI-IIPH, New Delhi	Associate Professor
Dr. Gagandeep Kaur Walia	Research Scientist and Assistant Professor	PHFI-IIPH, New Delhi	Assistant Professor

- ii) The Senate gave ex-post facto approval for Prof. Dharmendra Singh of IIT, Roorkee as Adjunct Professor at CSIR-CBRI from 13th May, 2019 for a period of 3 years.

Item No. 23: Dual Faculty recognition: The Senate deferred the item for its next meeting.

Item No. 24: Proposal for introduction of new Faculties of Study (a) Pharmaceutical Sciences and (b) Agricultural Sciences:

The Senate had a detailed discussion on the matter and advised that the matter needs elaborate discussion to decide on various aspects including background of the students, faculty etc. After due deliberation, the Senate decided that the Chairman, Senate may form specific committees for each of the proposed faculty that will look into the pros and cons of the introduction of the new faculty. The Reports and recommendations of the Committees may be taken up subsequently by the Senate for its consideration.

Item No. 25: Supplementary Items:

- (i) The Senate was informed that MHRD through INFLIBNET has provided AcSIR with trial access to URKUND- Plagiarism Detection Software for one month. AcSIR HQs. has successfully conducted trial. 9 CSIR Centres would also be given access for trial during the month of August 2019 and from 1st September 2019 AcSIR may subscribe to the software. It was also informed that AcSIR was trying to obtain user IDs for all its centres from Ministry of Human Resource Development (MHRD). AcSIR would work out modalities to that access for all its Centres could avail the benefit of the URKUND Software. The Senate appreciated the efforts of AcSIR.
- (ii) Currently, the results for admission at its various centres are declared on AcSIR Admission Portal on a designated date, irrespective of when the selection interviews are conducted at its various

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centres. Concerns have been raised by several centres that the time gap in conduct of the selection interview and declaration of results on AcSIR Admission Portal at times lead to selected students availing other opportunities. It was proposed that the lab-wise results for selection interview may be uploaded on AcSIR Portal, after obtaining necessary approvals and within a reasonable time so that interested students may immediately avail the opportunity of admission at CSIR Labs.

The Senate approved the proposal that results may be uploaded on AcSIR Admission Portal within 5 working days after communication of the result of selections by the Coordinators to the respective Associate Deans/Deans. The Deans should communicate the recommendations within 3 working days to AcSIR HQs. for approval. The results may also be uploaded on the website of the CSIR Labs after its declaration on AcSIR Admission Portal.

The procedure may be adopted from the January 2020 admission session.

Item No. 26: Any other Item with permission of the Chair:

- (i) Prof. Deepak Pental suggested that AcSIR in association with CSIR should organize Scientific Workshop/ Conference for bringing together its students and faculty for visibility in public platform in the form of Annual Conferences, to be hosted by one Lab each year. The students and faculty from different Centres can present their work. Modalities of organization of the Workshop/ Conference can be worked out jointly by AcSIR and the host Centre.
- (ii) Prof. Sanjay Mittal suggested that the students of AcSIR should be encouraged to take part in learning of some humanities subjects, extracurricular activities etc. for personality development and may be given extra credit for such activity. The members welcomed the suggestion and suggested the matter may be explored further for adoption.

The Chairman highly appreciated the active participation and valuable intellectual inputs made by the esteemed Members of the Senate, AcSIR that mark a major contribution to the academic quality and processes in AcSIR. It was also a great leaning by AcSIR collectively and AcSIR personnel individually. The tenure of the current Senate of AcSIR is upto September 13, 2019 and the Senate would be reconstituted thereafter. The Chairman thanked all the members and presented all members with a small token of appreciation on behalf of AcSIR.

The meeting ended with a vote of thanks to the Chair.


(Rajender Singh Sangwan)
Chairman, Senate

Sl. No. 20XX/XX/XXX

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS UPON

Name of the Student

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN ENGINEERING

UNDER THE FACULTY OF ENGINEERING SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR- Name of the Laboratory, City, India

WITH THE THESIS TITLE

Full Title of the Thesis Full Title of the Thesis Full Title of the Thesis

Title continues Title continues Title continues

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON DDTH MONTH, 20XX.
THE DEGREE HAS BEEN AWARDED UNDER THE INTEGRATED DUAL DEGREE MTech-PhD PROGRAM OF AcSIR.

DIRECTOR

Regentur Deyran

CHANCELLOR

Sl. No. 10XX/XX/XXX

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS UPON

Name of the Student

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN SCIENCE

UNDER THE FACULTY OF _____ SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR-Name of the Laboratory, City, India

WITH THE THESIS TITLE

Full Title of the Thesis Full Title of the Thesis Full Title of the Thesis

Title continues Title continues Title continues

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON DDTH MONTH, 20XX.
THE DEGREE HAS BEEN AWARDED UNDER THE INTEGRATED MSc-PhD PROGRAM OF AcSIR.

DIRECTOR

Ajayinder Arora

CHANCELLOR

SI. No. 20XX/XX/XXX

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS UPON

Name of the Student

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN ENGINEERING

UNDER THE FACULTY OF ENGINEERING SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR-Name of the Laboratory, City, India

WITH THE THESIS TITLE

Full Title of the Thesis Full Title of the Thesis Full Title of the Thesis

Title continues Title continues Title continues

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON DDTH MONTH, 20XX.

THE DEGREE HAS BEEN AWARDED UNDER THE INTEGRATED MTech-PhD PROGRAM OF AcSIR.

DIRECTOR

Rajendra Dufiran

CHANCELLOR

Sl. No. 20XX/XX/XXX

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS UPON

Name of the Student

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN ENGINEERING

UNDER THE FACULTY OF ENGINEERING SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR- Name of the Laboratory, City, India

WITH THE THESIS TITLE

Full Title of the Thesis Full Title of the Thesis Full Title of the Thesis

Title continues Title continues Title continues

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON DDTH MONTH, 20XX.

The Degree has been Awarded under the AcSIR-RMIT University, Australia, Joint PhD Program.

DIRECTOR

Hayinder Singh

CHANCELLOR