मौलाबा आज़ाद बेशबल उर्दू यूबिवर्सिटी    مولانا آزاد نیشنل اُردو یونیورسٹی

# MAULANA AZAD NATIONAL URDU UNIVERSITY
(A Central University established by an Act of Parliament in 1998)
(Accredited with 'A' Grade by NAAC)

कंप्यूटर विज्ञान और सूचना प्रौद्योगिकी विभाग    شعبہ کمپیوٹر سائنس و انفارمیشن ٹکنالوجی

## Department of Computer Science & Information Technology

*Date: 16.12.2021*

## MINUTES OF 10th DEPARTMENTAL RESEARCH COMMITTEE (DRC) MEETING HELD ON 14.12.2021

Minutes of 10th DRC meeting held on 14.12.2021 of Computer Science & Information Technology Department, MANUU Hyderabad. The following members were present:

| S.No. | Name | Designation |
|-------|------|-------------|
| 1. | Dr Syed Imtiyaz Hassan Associate Professor & Head, Department of CS&IT, MANUU | Chairman |
| 2. | Prof. Abdul Wahid Dean, School of Technology & Professor, Department of CS&IT, MANUU | Member |
| 3. | Prof. Farooq Bakshi Department of Urdu, SLL&I, MANUU, Hyderabad | VC nominee |
| 4. | Prof. Pradeep Kumar Professor, Department of CS&IT | Member |
| 5. | Dr. Bonthu Kotaiah Assistant Professor, Department of CS & IT | Member |
| 6. | Dr. Khaleel Ahmed Assistant Professor, Department of CS & IT | Member |
| 7. | Dr. Muqeem Ahmed Assistant Professor, Department of CS & IT | Member |

At the outset, the Chairman welcomed all members of the DRC. The following agenda items were discussed and resolved:

### Items for Reporting

**10.1. *Confirmation of Minutes of 9th DRC meeting held on 18.01.2021.***
Since no comments were received and hence the members of DRC confirmed the *Minutes of 9th DRC meeting held on 18.01.2021 (Annex-1).*

**10.2. *To report the newly admitted PhD scholars list for the Academic year 2021-22 in the CS&IT Department.***
Following PhD scholars enrolled in the Academic year 2021-22 in the CS&IT Department.

| Application No. | Enrollment | Roll Number | Name | Gender |
|-----------------|------------|-------------|------|--------|
| M210003699 | A210216 | 21PHCS001HY | MOHATESHAM PASHA QUADRI | M |
| M210004451 | A210217 | 21PHCS002HY | ISMAT FATHIMA | F |
| M210008243 | A210218 | 21PHCS003HY | MOHD MUSTAFEEZ UL HAQUE | M |
| M210011736 | A210219 | 21PHCS004HY | YASIR ALTAF | M |

### 10.3. To report the Viva Voce examination of the PhD. Scholar Fareeha Rasheed

The Viva –voice examination cum oral defence viva of Research Scholar Ms. Fareeha Rasheed was held on 13.07.2021, she successfully defended it and has been awarded PhD degree. The details of the Research scholar are as follows:

| Enrolment No (Roll Number) | Name of the Research Scholar | Research Topic | Supervisor Name |
|---|---|---|---|
| A165080 (16PHCS001HY) 1607010101 | Ms. Fareeha Rasheed | Adaptive Sequence Generation for Learning and Assessment | Prof. Abdul Wahid, *Professor, Department of CS&IT and Dean, School of Technology* |

### 10.4. To report the pre-submission viva of the following PhD scholars.
(a) Musaeed Naji Mohammed Abouaroe (b) Hamza Mutaher Abdu Alsham

The pre-submission viva of the following PhD scholars was conducted as per the following table:

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Name of Supervisor | Date of PhD Pre-submission Viva |
|---|---|---|---|---|---|
| 1 | A165808 (16PHCS004HY) 1607010103 | Musaeed Naji Mohammed Abouaroek | Secure Data Delivery in Opportunistic Networks using Cryptography | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU | 02.08.2021 |
| 2 | A165807 (16PHCS003HY) 1607010104 | Hamza Mutaher Abdu Alshameri | Security Countermeasures for OpenFlow Controller based Software Defined Networks | Dr. Pradeep Kumar, Associate Professor, Department of CS&IT, MANUU | 02.08.2021 |

### 10.5. To report the pre-submission viva & conduct of viva-voce examination of the M. Tech (CS) final year students for the academic year 2020-21.

The pre-submission viva & submission of the thesis of the M. Tech (CS) final year students for the academic year 2020-21was held as per **Annex-2**.

### 10.6. To report the minor revision in the Ph.D. Title/ Topic ( Annex - 2.1)

The following research scholar was permitted for minor change of the title in the RAC conducted on 3rd August 2021

| Enrollment No. / Roll No. | Student Name | Name of the Research Supervisor | Old Research topic/title | Revised Title (Minor) |
|---|---|---|---|---|
| A171115 / 17PHCS004HY | Syed Abdul Basit Andrabi | Prof. Abdul Wahid | Web based Statistical Machine Translation System | Web based Neural Machine Translation System |

## Items for Ratification

### 10.7. Ratification of the names of the external examiners for the evaluation of the thesis of the M. Tech (CS) final year students for the academic year 2020-21.

The DRC ratified the names of the external examiners for the evaluation of the thesis of the M. Tech (CS) final year students for the academic year 2020-21. The DRC further authorizes Dean, School of Technology for appointment of external examiners for the evaluation of the thesis of the M. Tech (CS) Programme; in case of need. *(Annex-3)*

### 10.8. Ratification of allocation of supervisors of Dissertation-I of M. Tech-3rd Sem students of Academic year (2021-22).

The DRC ratified the allocation of supervisors of Dissertation-I of M. Tech (CS) 3rd Sem students of Academic year (2021-22). The DRC further authorizes Head, Department of CS&IT for allocation of supervisors of Dissertations of M. Tech (CS) Programme. *(Annex-4)*

## Items for Consideration

### 10.9. To consider & review the RAC report of the research scholars of CS&IT Department held after 9th DRC.

DRC members reviewed the progress report of Research Advisory Committee (RAC) held on Jan-2021, April-2021, and July-2021 & Oct-2021 and found the status of the following research scholars satisfactory.

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Research Supervisor |
|---|---|---|---|---|
| 1. | A165808 (16PHCS004HY) 1607010103 | Musaeed Naji Mohammed Abouaroek | Secure Data Delivery in Opportunistic Networks using Cryptography | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 2. | A165807 (16PHCS003HY) 1607010104 | Hamza Mutaher Abdu Alshameri | Security Countermeasures for OpenFlow Controller based Software Defined Networks | Prof. Pradeep Kumar, Professor, epartment of CS&IT, MANUU |

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|---|---|---|---|---|
| 3. | A160596 / 17PHCS001HY | Naiyar Iqbal | Feature Selection and Disease Predictionusing Soft Computing Techniques | Prof. Pradeep Kumar, Professor, epartment of CS&IT, MANUU |
| 4. | A171100 / 17PHCS003HY | Jeelani Ahmed | Integrating Big Data using Semantic Web Technologies | Dr. Muqeem Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 5. | A171115 / 17PHCS004HY | Syed Abdul Basit Andrabi | Web based Neural Machine Translation System | Prof. Abdul Wahid, Dean, School of Technology |
| 6. | 18PHCS001HY | Shaik Moinuddin Ahmed | Intelligent Character Recognition For Low Resource Languages | Prof. Abdul Wahid, Dean, School of Technology |
| 7. | 18PHCS002HY | P Salma Khatoon | Development of an Effective Semantic Knowledge Base for IoT | Dr. Muqeem Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 8. | 18PHCS003HY | Mohd. Omar | Big Data Analytics and Prediction through Deep Learning for Efficient Travel Route | Prof. Pradeep Kumar, rofessor, Department of CS&IT, MANUU |
| 9. | 18PHCS004HY | Mohd. Yousuf | Web Based Learning and Evaluation System Using Artificial Intelligence Techniques | Prof. Abdul Wahid, Dean, School of Technology |
| 10. | A191478 / 19PHCS001HY | Fayaz Ahmad Naikoo | Design a secure Mix Network for Anonymous Communication Channel | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 11. | A191477 / 19PHCS002HY | Mohd Arshad | An Intelligent Systemfor Detection &Tracking of Two wheeler's Traffic Rule Violation | Prof. Pradeep Kumar, Professor, epartment of CS&IT, MANUU |
| 12. | A191476 / 19PHCS003HY | Suheel YousufWani | Intelligent Pipeline for Pre-processing and Analysis of Long non-coding RNA. | Prof. Abdul Wahid, Dean, School of Technology |
| 13. | A191479 / 19PHCS004HY | Muhammad AliK P | Automatic Question Generation for Adaptive Learning and Assessment. | Dr. Syed Imtiyaz Hassan, Associate Professor & Head, Department of CS&IT, MANUU |
| 14. | A200267 / 20PHCS001HY | MohammadIslam | A Machine Learning Approach for Mental Disability Detection | Prof. Abdul Wahid, Dean, School of Technology |
| 15. | A180769 / 20PHCS002HY | Sobiya Arsheen | Blockchain Enabled Pediatrics' Vaccination System to Improve the Immunization Coverage | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 16. | A200268 / 20PHCS003HY | Geeta Pattun | Design and Develop an Intelligent System for Emotion Detection | Prof. Pradeep Kumar, Professor, epartment of CS&IT, MANUU |

| 17. | 1205010321 / 20PHCS004HY | Shaikh AfzalVazir | Pandemic Severity Prediction and Recommendation System using Machine Learning Techniques | Dr. Muqeem Ahmad, Assistant Professor, Department of CS&IT, MANUU |
|---|---|---|---|---|

The members found the progress of Saleem Abbas Mohammed Moqbel Alzouridi unsatisfactory and he was absent in RAC held on April-2021, and July-2021 & Oct-2021. *(Annex-5)*

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Research Supervisor |
|---|---|---|---|---|
| 1. | A171771 / 17PHCS005HY | Saleem Abbas Mohammed Moqbel Alzouridi | Design a Novel Routing protocol for Opportunistic Network using Soft Computing Techniques | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU |

The DRC are with the opinion that a chance may be given to Mr. Saleem Abbas Mohammed Moqbel Alzouridi as he belongs to Yemen; a country going through crisis. In case the research scholar Mr. Saleem Abbas Mohammed Moqbel Alzouridi doesn't appear in the next RAC, his case for cancellation may be recommended in the subsequent DRC meeting.

**10.10. *To finalize the topic/title and synopsis of the PhD scholars admitted inacademic year 2020-21.***

The DRC approves the topic/title and synopsis of the PhD scholars admitted in academic year 2020-21 as per the following table:

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Research Supervisor |
|---|---|---|---|---|
| 1. | A200267 / 20PHCS001HY | Mohammad Islam | A Machine Learning Approach for Mental Disability Detection | Prof. Abdul Wahid, Dean, School of Technology |
| 2. | A180769 / 20PHCS002HY | Sobiya Arsheen | Blockchain Enabled Pediatrics' Vaccination System to Improve the Immunization Coverage | Dr. Khaleel Ahmad, Assistant Professor, Department of CS&IT, MANUU |
| 3. | A200268 / 20PHCS003HY | Geeta Pattun | Design and Develop an Intelligent System for Emotion Detection | Prof. Pradeep Kumar, Professor, Department of CS&IT, MANUU |
| 4. | 1205010321 / 20PHCS004HY | Shaikh Afzal Vazir | Pandemic Severity Prediction and Recommendation System using Machine Learning Techniques | Dr. Muqeem Ahmad, Assistant Professor, Department of CS&IT, MANUU |

**10.11. *To allocate the supervisors to research scholars admitted in the academic year 2021-22.***

The DRC allocates the supervisors to research scholars admitted in academic year 2021-22 as per the following table:

| Application No. | Enrollment/ Roll Number | Name | Supervisor Name |
|---|---|---|---|
| M210003699 | A210216/ 21PHCS001HY | MOHATESHAM PASHA QUADRI | Dr. Syed Imtiyaz Hassan, Associate Professor & Head, Department of CS&IT, MANUU |
| M210004451 | A210217/ 21PHCS002HY | ISMAT FATHIMA | Dr. Bonthu Kotaiah Assistant Professor, Department of CS & IT, MANUU |
| M210008243 | 21PHCS003HY | MOHD MUSTAFEEZ UL HAQUE | Dr. Bonthu Kotaiah Assistant Professor, Department of CS & IT, MANUU |
| M210011736 | A210219/ 21PHCS004HY | YASIR ALTAF | *Supervisor:* Prof. Abdul Wahid, Dean, School of Technology, MANUU *Co-supervisor:* Dr. Mudasir Manzoor Kirmani, Assistant Professor (Computer Science), S.K. University of Agricultural Sciences & Technology of Kashmir, J&K, India. |

*DRC approves the eligibility of Dr. Mudasir Manzoor Kirmani as a co-supervisor and he has submitted a consent letter for the same. *(Annex-6)*

### 10.12. To consider the request of de-registration/re-registration instead of cancellation by the research scholar Mohammed AbdulHakimAdulFattah in view of civil war in Yemen & other personal issues of research scholar.

The research scholar Mohammed AbdulHakim AdulFattah initially applied for cancellation. Further, he applied for de-registration stating his unawareness about de-registration process keeping in view of the extra ordinary circumstances and financial, family, health and personal issues due to civil war in his country, Yemen. *(Annex-7)*.

Keeping the extra ordinary circumstances in consideration, DRC members are with the opinion to consider his request of de-registration and further allow him to re-register subject to approval of the competent authority.

### 10.13. To consider the revision of the topic/title and synopsis of the PhD scholars, Mohammed AbdulHakim AdulFattah.

Subject to approval of the item 10.11. (above), and subject to completion of necessary de-registration/re-registration formalities, the DRC approves the request of minor revision of the topic/title as per the following table.

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Research Supervisor |
|------|---------------------------|--------------|----------------------|---------------------|
| 1. | 18PHCS005HY | Mohammed AbdulHakim AdulFattah | Medical Image Segmentation and Classification with Deep Learning Methods | Dr. Bonthu Kotaiah Assistant Professor, Department of CS & IT |

### 10.14. To constitute review committees for evaluation of Internal Assessment of M. Tech Dissertation-I & Dissertation-II & B. Tech Project-I/Project-II/Project-III.

The DRC recommend a Review Committee for M. Tech Dissertation-I & Dissertation-II progress comprising of the internal members of DRC (Members from Department of CS&IT). Dean, School of Technology shall constitute a three member committee from the internal DRC members along with Head, Department of CS&IT.

The DRC further recommend the Project Review Committee (PRC) for B. Tech Project-I/Project-II/Project-III shall be constituted comprising of faculty members of the Department. Different PRC may be constituted by dividing the students in different sections; in case it deemed necessary by the HOD for smooth conduct of the evaluation. However, Compositions of PRC shall have at least three.

### 10.15. To consider the request of following MANUU Polytechnic teachers for appointment of co-supervisor.
(a) Dr. Mohammed Yousuf Khan, Principal, Polytechnic, MANUU, Hyderabad
(b) Dr. Mohammad Zakwan, Assistant Professor, Civil Engineering, MANUU Polytechnic, Hyderabad

The DRC consider the request of the above Polytechnic teachers for appointment of co-supervisor and recommends that Dr. Mohammed Yousuf Khan, Principal, Polytechnic, MANUU, Hyderabad and Dr. Mohammad Zakwan, Assistant Professor, Civil Engineering, MANUU Polytechnic, Hyderabad may be considered as co-supervisor in the Department of CS&IT; in case their research expertise may benefit the scholars.

Further, on the basis of the consent of supervisor & co-supervisor and on the basis of the research interest of the student where targeted sample may comprise of Polytechnic students, DRC recommends Dr. Mohammed Yousuf Khan as co-supervisor as per following table; subject to fulfilment of PhD regulation of MANUU.

| S.No | Enrollment No. / Roll No. | Student Name | Research topic/title | Research Supervisor |
|------|---------------------------|--------------|----------------------|---------------------|
| 1. | 18PHCS004HY | Mohd. Yousuf | Web Based Learning and Evaluation System Using Artificial Intelligence Techniques | **Supervisor:** Prof. Abdul Wahid, Dean, School of Technology<br><br>**Co-Supervisor:** Dr. Mohammed Yousuf Khan, Principal, Polytechnic, MANUU, Hyderabad |

**10.16.** **To consider the interdisciplinary research area "Computational Intelligence for Sustainability" applicable for various domain.**

The DRC approves the "Computational Intelligence for Sustainability" as a domain of research in Department of CS&IT.

**10.17. Any other agenda item with the permission of chair.**

There is no item.

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

Chairman, DRC
Department of CS&IT

cc.
1. All DRC Members
2. Dean, SOT
3. Chairman, School Board, SOT
4. Chairman, BOS, CS&IT
5. Academic Section