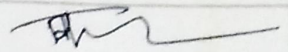


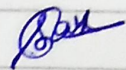
(22)

The joint meeting of 5th. DPPC and 4th  
DVPC is held on 23rd, March, 2017.  
in the Guest House of the Assam University,  
The following Members were present :-

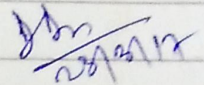
1. Mr. Tapodhir Acharjee -

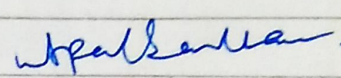


2. Prof. Sudipta Roy -

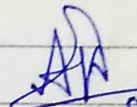


3. Prof. Debaprasad Das -

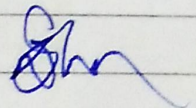


4. Dr. Utpal Sarkar -  23/3/17

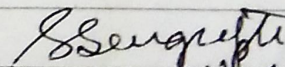
5. Dr. Ajoy Kumar Khan -

 23/3/17.

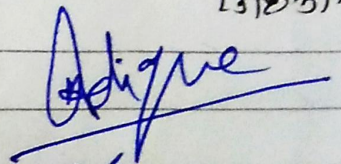
6. Sourish. Dhar -



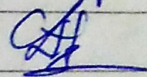
7. Dr. Sanjib Sengupta -

 23/3/17

⑧ Mousum Handique -



⑨ Dr. L. N. Sethi -



⑩ Dr. S. Sarkar -

—





**ASSAM UNIVERSITY: SILCHAR**  
**OFFICE OF THE DEAN**  
**TRIGUNA SEN SCHOOL OF TECHNOLOGY**

Minutes of emergent joint Meeting of the Board of Research and Studies (BORS) and Departmental Post Graduate Programme Committee of the departments under Triguna Sen School of Technology, Assam University, Silchar held on 10<sup>th</sup> February, 2017 at 01.30p.m. in the Conference Hall of the Department of Agriculture Engineering in presence of the following members.

- |   |                                |
|---|--------------------------------|
| 1. Prof. Sudipta Roy, Dean, TSSOT                         | : Chairman                     |
| 2. Prof. Shahin Ara Begum, Professor, Department of CS    | : VC's nominee,<br>DPPC in CSE |
| 3. Prof. Debaprasad Das, Head, Department of ECE          | : Member                       |
| 4. Dr. Sudipto Sarkar, Head, Department of AE             | : Member                       |
| 5. Tapodhār Acharjee, Head, Department of CSE             | : Member                       |
| 6. Dr. L. N. Sethi, Associate Prof., Department of AE     | : Member                       |
| 7. Dr. Ajoy Kumar Khan, Assistant Prof, Department of CSE | : Member                       |
| 8. Dr. Ajita Tiwari, Assistant Prof, Department of AE     | : Member                       |
| 9. Dr. Avinash Kumar, Asstt. Prof., Department of AE      | : Member                       |
| 10. Sourish Dhar, Asstt. Prof., Department of CSE         | : Member                       |

The Chairman, Board of Research & Studies (BORS) in TSSOT extended a very warm welcome to all the members and thanked them for sparing their valuable time out of their busy schedule to attend this meeting. The Chairman also expressed his sincere thanks to Prof. Shahin Ara Begum, Professor, Department of Computer Science, Assam University, Silchar for attending the meeting as V.C.'s nominee on behalf of the Departmental Post Graduate Programme Committee of the Department of Computer Science & Engineering, TSSOT, AUS.

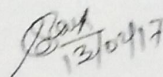
1. The Chairmen of the respective Departmental Post Graduate Programme Committee of the departments under TSSOT, viz. Department of Computer Science & Engineering, Department of Agricultural Engineering and Department of Electronics & Communication Engineering placed the draft Ph.D. course work syllabus as per new M.Phil./Ph.D. Regulation, 2017. After indepth discussions and scrutiny, the members present unanimously decided to approve and recommend the Ph.D. course work syllabus enclosed as **Annexure – A**. The meeting unanimously agreed to approve and recommend Paper – 1 of School Level (Research Methodology), Paper – 2 & 3 of the Departmental Level (approved the 7 elective papers as recommended by the Department of Computer Science & Engineering, 5 elective papers by the Department of Electronics &



Communication Engineering and all compulsory papers of the Department of Agricultural Engineering) for consideration in the ensuing Academic Council Meeting scheduled to be held on 14<sup>th</sup> February, 2017.

2. The Chairman, DPPC in CSE placed an application submitted by Mr. P. K. Bhattacharjee, Ph.D. Scholar of the Department of Computer Science & Engineering, TSSOT, AUS for Re-registration. After discussion, the members present unanimously decided to defer the proposal till the next meeting of the BORS is convened. It has also been decided that Chairman of the concerned DPPC will route the proposal for Re-registration through DRC & DPPC and place the proposal for consideration in the next meeting of BORS in TSSOT.

Since there is no other item to be discussed, the meeting ended with thanks to and from the chair.



( Prof. Sudipta Roy )

Chairman cum Dean

Board of Research & Studies

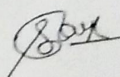
Triguna Sen School of Technology

NO : 119/AU-TSSOT/BORS/2015

Dated the 13<sup>th</sup> February, 2017

Copy to :

1. The Chairman, Academic Council, Assam University, Silchar for favour of information please.
2. The Chairman, Board of Governors in TSSOT for favour of information please.
3. Prof....., Department of ..... , Member, emergent Meeting of BORS in TSSOT, Assam University, Silchar for favour of information please.
4. The Heads of the Department under TSSOT for information please.
5. Minutes Book.
6. Office file.



( Prof. Sudipta Roy )

Chairman cum Dean

Board of Research & Studies

Triguna Sen School of Technology



ASSAM UNIVERSITY, SILCHAR  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
TRIGUNA SEN SCHOOL OF TECHNOLOGY

Minutes of the joint meeting of the 5<sup>th</sup> Departmental Post Graduate Programme Committee (DPPC) and 4<sup>th</sup> Departmental Under Graduate Programme Committee (DUPC) in the Computer Science & Engineering under Triguna Sen School of Technology, Assam University held on 23<sup>rd</sup> March, 2017 in the guest house of Assam University at 11.30 a.m. in the presence of the following members:

1. Mr. Tapodhir Acharjee	Chairman
2. Prof. Debaprasad Das	Vc's nominee for DPPC
3. Dr. Utpal Sarkar	Vc's nominee for DUPC
4. Dr. Sanjib Sengupta	Vc's nominee for DUPC
5. Prof. Sudipta Roy	Member
6. Dr. Sudipta Sarkar	Member
7. Mr. Mousum Handique	Member
8. Dr. L.N. Sethi	Member
9. Dr. Ajoy Kr. Khan	Member
10. Mr. Sourish dhar	Member

After threadbare discussions the following resolutions were adopted unanimously.

**ITEM NO 1: Confirmation of minutes of 3<sup>rd</sup> DPPC & 3<sup>rd</sup> DUPC in CSE.**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-01: As there is an observation of the members, the minute of the 3<sup>rd</sup> DPPC & 3<sup>rd</sup> DUPC is confirmed.

**ITEM NO 2: Discussion and finalization of Research Advisory Committee (RAC)**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/04-02: The RAC formed by the DRC meeting for the scholar named AMER M. A. ALKURD as per guidelines of AUS is accepted. The committee is as follows:

1. Head of the Department	Chairman
2. Prof. K. Hemachandran	Member as Subject Expert
3. Supervisor	Prof Sudipta Roy
4. Co-Supervisor & Convenor	Dr A.K.Khan

The matter may be forwarded to BORS meeting.

**ITEM NO 3: Extension of Ph.D Registration.**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-03 : The normal four years time period to pursue Ph.D in Assam University is expired on 25/02/2017 for one scholar Prasanta Majumder. Till date, the department did not receive any extension request. He may be allowed to submit the request before BORS meeting failing which no extension will be allowed.

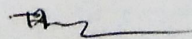
**ITEM NO 4: Ph.D Re-registration with respect to one scholar.**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-04: The convener placed the application of Mr. P. K. Bhattacharjee for Ph.D Re-Registration. The members examined the application and after threadbare discussions, the chairman, DPPC in CSE is authorized to forward the proposal to the BORS, TSSOT for consideration.

**ITEM NO 5: Ph.D Provisional Registration & Final Registration matters**

**A. Provisional Registration**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-05 A: The board perused and considered the PhD provisional registration proposals for the following five scholars. The board also perused the DRC resolution regarding the allocation of Supervisors with respect to the following scholars and resolved that the Ph.D





regulation 2009 will be followed for the scholars mentioned under serial numbers 1 to 4 and under PhD regulations 2017 for the scholar mentioned at serial number 05.

**Table: Details of the PhD provisional registration related matters**

SL. NO.	NAME OF THE CANDIDATE	TOPIC	AU REGN.	SUPERVISOR	CO-SUPERVISOR	REMARKS
01	Amit Kumar Roy	Design and Implementation of Efficient Protocols for Secure Communication in Wireless Mesh Networks (WMNs)	32-120034 136 of 2012-13	Dr.Ajoy Kr. Khan		
02	Bidita Biswas	Design and Implementation of Efficient Protocols for Information Security in E-Commerce Transaction	32-130046 293 of 2013-14	Dr.Ajoy Kr. Khan		
03	Raktim Deb	Design and Implementation Of Secure SDN in Future Generation Mobile Networks	42-150080 408 of 2015-16	Prof. Sudipta Roy		
04	Bhagaban Swain	Efficient Machine Learning Techniques for Dialect Recognition and Identification	A/F	Prof. Sudipta Roy		
05	Amer M. Alkurd	Efficient Algorithms for Semantic Image Retrieval	NA	Prof. Sudipta Roy	Dr.Ajoy Kr. Khan	

The provisional registration for the scholar mentioned at serial number 05 is subject to the confirmation of the PhD regulation 2017 as he is undergoing the Course work in Jan-June, 2017 session. It was unanimously resolved that the proposals may be approved and recommended for Provisional Ph.D Registration. The chairman, DPPC in CSE is authorized to forward the matter to the BORS, TSSOT for consideration subject to the availability of favorable Expert comment on the proposed Research Work.

#### **B. Final Registration**

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-05 B: The Board perused and considered the proposals submitted by the following scholars for Final Registration.

**Table: Details of the PhD final registration related matters**

SL NO	NAME OF THE SCHOLAR	TOPIC	NAME OF SUPERVISOR	NO & DATE OF PROVISIONAL REGISTION
01	Ashim Kumar Mahato	Development of PAPR Reduction Techniques for Performance Improvement of OFDM System.	Prof. Debaprasad Das	4 <sup>th</sup> Sep, 2015 A/F
02	Waikhom Mona Chanu	Modeling and Analysis of GNR Based Interconnects	Prof. Debaprasad Das	4 <sup>th</sup> Sep, 2015 A/F
03	Chingakhom Neeta Devi	Development of an Optical Character Recognition System for Manipuri Meetei Mayek Script	Prof. Debaprasad Das	4 <sup>th</sup> Sep, 2015 A/F



04	Sanjoy Mitra	Development of Test Power and Test Data Volume Reduction Methods in Digital VLSI Circuits	Prof. Debaprasad Das	4 <sup>th</sup> Sep, 2015 A/F
05	Bhaskar Das	Synthesis and Testing of Reversible Logic Circuits	Dr. Ajoy Kr. Khan	4 <sup>th</sup> Sep, 2015 A/F
06	Takhellambam Sonamani Singh	Development of Energy Efficient Routing Protocols for Wireless Sensor Networks	Dr. Ajoy Kr. Khan	4 <sup>th</sup> Sep, 2015 A/F

The members present examined the above-mentioned proposals carefully. The Board also perused the seminar report of the individual Research Scholar including the Progress Report of their Supervisors, recommending for Final Ph.D registration and after thorough scrutiny and indepth discussions on the matter, it was unanimously resolved that the proposals may be approved and recommended for Final Ph.D Registration. The Chairman, DPPC in CSE is authorized to forward the proposals to the BORS, TSSOT for consideration and further processing of the above-mentioned proposals.

#### C. Panel of Thesis Examiners

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-05 C: The PANEL OF THESIS EXAMINERS for 4(four) research scholars in confidential envelopes are placed separately before the Board and the Board authorized the Chairman of DPPC in CSE to forward the lists to the Chairman, BORS, TSSOT for onward processing and approval of the competent authority.

Sl. NO	NAME OF THE SCHOLAR	PH.D PROVISIONAL PH.D REG.	TITLE	NAME OF SUPERVISOR	NAME OF CO-SUPERVISOR
01	TAPODHIR ACHARJEE	PhD/1760/11 dt 20.09.11	Efficient Hierarchical Routing Technique for Large Wireless Mesh Network	Prof. Sudipta Roy	
02	ABHISHEK MAJUMDER	phD/2364/13 dt 21.09.2013	Design and analysis of Efficient Mobility Management scheme in wireless Mesh Network	Prof. Sudipta Roy	
03	ANIBAN CHAKRABORTY	phD/2189/12 dt 21.09.2012	An Efficient Framework for text Mining in Document Classification	Prof. Sudipta Roy	
04	RUPANJALI DEB BARUAH	phD/2183/2012 dt 21.09.2012	Developing A Decision Support System by Integrating Surface, Satellite and Climate Data for a Climate Resilient Tea Production System in Assam	Prof. Sudipta Roy	Dr. L.N.Sethi and R.M.Bhagat

#### ITEM NO 6. Modification of Syllabus of B.Tech.

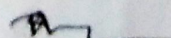
RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-06: The proposals for minor modifications of detailed syllabus for the papers mentioned at Annexure-I and new detailed syllabus for the elective papers mentioned at Annexure-II of B.Tech were placed in the meeting. The members discussed the matter & opined that the chairman may be authorized to place the matter in the BORS.

#### ITEM NO 7. Revisit the vision & mission of the department in the light of NBA / NAAC preparation.

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-07: The issue may be thoroughly discussed in DAC & Concrete proposal may be furnished thereafter in the next meeting of DPPC.

#### ITEM NO 8. CHANGE OF TITLE FOR Ph.D TOPIC

RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-08: The Members perused and considered the applications submitted by the following Ph.D Scholars, for change of Title of their Thesis. After thorough discussions on the matter, the Board recommended and allowed the following scholars to change title of their





Thesis. The Board authorized the Chairman DPPC in CSE to forward the matter to the BORS, TSSOT for consideration and further processing.

SL NO	NAME OF THE SCHOLAR	NO & DATE OF PROVISIONAL REGISTION	EXISTING TITLE	NEW TITLE
01	Ashim Kumar Mahanto	A/F 4 <sup>th</sup> Sep, 2015	Design And Implementation Of OFDM Architecture For The Use In Wireless Communication.	Development of PAPR Reduction Techniques for Performance Improvement of OFDM System.
02	Waikhom Mona Chanu	A/F 4 <sup>th</sup> Sep, 2015	Modeling and Analysis of CNT and GNR based Interconnect	Modeling and Analysis of GNR Based Interconnects
03	Chingakham Neeta Devi	A/F 4 <sup>th</sup> Sep, 2015	An Optical Character Recognition System for Manipuri Meetei Mayek Script	Development of an Optical Character Recognition System for Manipuri Meetei Mayek Script
04	Soram Ranbir Singh	A/F 4 <sup>th</sup> Sep, 2015	Study and Development of Key Management protocols Based on Elliptic Curves for Wireless Sensor Networks	Development of Key Management Protocols for Wireless Sensor Networks Based on Elliptic Curves
05	Takhellamba m Sonamani Singh	A/F 4 <sup>th</sup> Sep, 2015	Development of Energy efficient Routing Protocols in Wireless Sensor Networks for Disaster Management	Development of Energy Efficient Routing Protocols for Wireless Sensor Networks
06	Sanjoy Mitra	A/F 4 <sup>th</sup> Sep, 2015	Design and Analysis of Diagnostic Test Generation Algorithm using ATPG model	Development of Test Power and Test Data Volume Reduction Methods in Digital VLSI Circuits

**ITEM NO 9. Item(s) from the members**

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-9 A:** Dr. S. Sengupta, VC's nominee for DUPC raised the concern about placement scenario in the department. All the members were also agreed about the same, after threadbare discussion it was resolved that one T&P Manager / Officer may be appointed from the course fees fund of the department.

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-9 B:** The members also discussed about setting short-term & long-term goals for the department. Also, a person for the post of Resource Manager / Officer may be appointed from the course fee fund of the department who will look into the short-term & long-term matters of the department.

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-9 C:** Members also discussed about the possibility of encouraging innovative projects in the department. One laboratory may be named as "Innovation Lab" which may be used by the students to implement their innovative ideas.



ITEM NO 10. Item(s) from the chair.

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-10A:** The chairman apprised the members about the 1<sup>st</sup> "Alumni Meet" of the department, which was held on 15<sup>th</sup> March, 2017. Also, he informed the members that one "Parents-Teacher Meet" will be held in the department on 8<sup>th</sup> April, 2017. All the members appreciated the initiatives. The members also discussed matter regarding inclusion of Alumni members of the department in different boards. In this regard, it was proposed that one Alumnus who is working in Academia & one alumnus working in industry may be included as special invitees in different meetings of different boards. Subsequently they may be made members of different board in future.

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-10B:** The chairman apprised the members about the need of a new domain for departmental website. All the members agreed in principle to proceed with the approval of authority for the purchase of new domain which can be controlled by the department independently.

**RES NO. TSSOT/DPPC & DUPC-CSE/2017/05-10C:** The DPPC meeting held on 27<sup>th</sup> August, 2015 resolved in the Res. No. TSSOT/DPPC-CSE/PH.D.(F)/2015/02-E about inclusion of co-supervisor for one scholar namely Ms Chingakham Neeta Devi. The matter was however not there in the subsequent board meeting Minutes. Therefore the chairman is again authorized to forward the matter to the next BORS.

SL NO	NAME OF THE SCHOLAR	TOPIC	NAME OF SUPERVISOR	NO & DATE OF PROVISIONAL REGISTRATION	NAME OF CO-SUPERVISOR
01	Chingakham Neeta Devi	Development of an Optical Character Recognition System for Manipuri Meetei Mayek Script	Prof. Debaprasad Das	A/F 4 <sup>th</sup> Sep, 2015	Dr. Mamata Devi

Since there was no other item to discuss, the meeting ended with thanks to and from the chair.

(MR. TAPODHIR ACHARJEE)

Chairman

DPPC & DUPC in Computer Science & Engineering

No: 16/AU/TSSOT-CSE/2012

Dated the 23<sup>th</sup> March, 2017

Copy to :

1. The PS to VC for kind information of the Vice Chancellor.
2. The Dean, TSSOT for favour of information please.
3. The Deputy Registrar (Aca), AUS for favour of information please.
4. Prof./Dr ..... External  
Member, Department of .....  
DPPC & DUPC in CSE for favour of information please.
5. Prof./Dr ..... Internal  
Member, DPPC & DUPC in CSE Department of .....  
Assam University, Silchar for favour of information please.
6. Minutes Book.
7. Office file.