

Department of Geoinformatics
School of Natural Resource Management
Central University of Jharkhand

Minutes of meeting of 4th Board of Studies (DGI on 18th Oct. 2019)

A meeting of the Board of Studies (BOS) of Department for Geoinformatics (DGI) was convened on 18th Oct. 2019 (Friday) at 11:00 am in the Office of the Head, DGI at Central University of Jharkhand (CUJ). The following BOS members were present in the meeting:

1	Prof. A. C. Pandey, Head, Department for Geoinformatics, CUJ	Convener & Chairperson Ex-Officio
2	Dr. Parul Srivastava, Vice President, IORA Pvt. Ltd., New Delhi	Member
3	Dr. Prashant K Srivastava, Assistant Professor, Institute of Environment and Sustainable Development, BHU, Varanasi	Member
4	Dr. Purabi Saikia, Assistant Professor, Department of Environmental Sciences, CUJ	Member
5	Dr. G.P. Singh, Head and Associate Professor, Department of Nano Science and Technology, CUJ	Member
6	Dr. Amit Kumar, Assistant Professor, Department for Geoinformatics, CUJ	Member
7	Dr. Kanhaiya Lal, Assistant Professor, Department for Geoinformatics, CUJ	invitee
8	Dr. Bikash R. Parida Assistant Professor, Department for Geoinformatics, CUJ	invitee

Dr. I.M. Bahuguna, Scientist 'G', Space Applications Centre, ISRO, Ahmedabad (member), Prof. S. Medhekar, Head, Department of Physics, CUJ (member) and Dr. C.S. Dwivedi, Assistant Professor, DGI (Member) could not able to attend the meeting.

Chairperson Prof. A.C. Pandey has welcomed all the members by presenting them the bouquet and briefed about the activities and progress of the Department. The Board of Studies (BOS, DGI) unanimously resolved the followings:

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A. Revision in Syllabus

Agenda A.1	Minor Revision in the syllabus of selected paper of Ph.D. Geoinformatics and M.Sc. (Geoinformatics) and change of credit Academic Field tour from Existing 2 to 3 credit.
Resolution	BOS approved the minor revision proposed in the existing syllabus of Ph.D. (Geoinformatics) and M.Sc. (Geoinformatics) and change of credit Academic Field tour from Existing 2 to 3 credit Annexure

Agenda A.2	Revision in the course structure of M.Sc. in Disaster Management and opening of center for disaster management in the Dept. of Geoinformatics for commencement of this course with additional 3-4 faculty
Resolution	BOS approved the revision in the existing course structure of M.Sc. in Disaster Management . BOS approved opening of center for Disaster Management in the Dept. of Geoinformatics for commencement of this course with additional 3-4 faculty. Annexure

Agenda A.3	Approval of the course structure and syllabus of M.Sc. in Disaster Management
Resolution	<ol style="list-style-type: none"> 1. The BOS reviewed the course structure and syllabus of M.Sc. in Disaster Management 2. BOS approved the course structure and syllabus of M.Sc. in Disaster Management. 3. The BOS committee recommended to develop a lab especially for proposed course. Annexure

B. Approval of Committees

Agenda B.1	Approval of Department level Committees
Resolution	<ol style="list-style-type: none"> 1. BOS reviewed the following Committees and approved the same: <ol style="list-style-type: none"> a. Departmental Research Committee (DRC), DGI b. Research Advisory Committee (RAC) of all 19 PhD Scholars c. Departmental Purchase Committee d. Departmental Project Purchase Committee (Each project funded by DST, DBT, ISRO, UGC etc.). Annexure

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Agenda B.2	Approval of Research Progress Committee (RPC) in the Department
Resolution	BOS committee recommended and approve the Research Progress Committee (RPC) in the department comprising all faculty in the department in order to review and guide the dissertation/ thesis work of UG/PG etc. during various academic sessions.

C. Admissions

Agenda C.1	Approval of admission of students in M.Sc. Geoinformatics
Resolution	BOS reviewed the list of admission in MSc Geoinformatics (2018-19 and 2019-20) and approve the same. Annexure

D. Ph.D. programme:

Agenda D.1	Approval of admission of students in PhD program
Resolution	<ol style="list-style-type: none"> 1. BOS reviewed the list of admission in PhD (Geoinformatics) of all batched including 2019-20 admission and approve the same. 2. BOS also ratified the Centre/ Department Research Committee and Research Advisory Committees of all eleven PhD Scholars and newly admitted 8 PhD Scholars during 2019. 3. The BOS members were informed about the PhD admissions/ registration during 2019-20. There were 8 PhD admissions during 2019-20. The details of newly admitted and existing PhD scholars are enclosed. 4. The BOS reviewed the recommendations of Departmental Research Committee and ratified the same. 5. The BOS reviewed the recommendations of Doctoral Committee / Research Advisory Committee of new as well as old PhD scholars and ratified the recommendation of each committee. 6. BOS recommended to award the Ph.D. degree under DGI in Geoinformatics. The advertisement of the PhD programme through CUCET or else should be in line with the concerned discipline. 7. The BOS ratified the recommendations of RAC of all PhD Scholars (2013, 2014, 2015, 2016, 2017, 2018, 2019 admissions) and CRC (CLRM/ DGI). 8. BOS Approved the coarse work allocated to each PhD scholars registered since 2013-14 to present (2019-20 batch).

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9. The BOS (DGI) approved the name of Prof. A. C. Pandey, Dr. Amit Kumar, Dr. Bikash Ranjan Parida, Dr. Chandra Shekhar Dwivedi, Dr. Kiran Jalem as eligible PhD supervisors. With reference to the File No. CUJ/DGI/2019/20 the BOS recommended to include the name of Dr. Kanhaiya Lal as he has published his 2nd paper in UGC indexed journal.
10. The BOS (DGI) were informed regarding recent and prospective submission of PhD thesis by PhD Scholars Mr. Basheer Ahmed, Ms. Binita Kumari, Mr. Saurabh Kumar Gupta and Mr. Tauseef Ahmed (prospective submission). Members recommended the final submission of the PhD thesis and start its examination process by sending it to the experts of relevant field.
11. BOS members recommend to extend the duration for PhD research for Ms. Binita Kumari, Mr. Saurav Gupta, who is completed five years of PhD research tenure in DGI.
12. BOS members recommend to extend the duration for PhD research for the PhD scholars, who is completed three years of PhD research tenure in DGI.

Agenda D.2	Approval of PhD Thesis Examiner/ Evaluator for the following PhD Scholars
Resolution	<p>BOS reviewed the list of PhD Thesis Examiner/ Evaluator and approved the same for the following PhD Scholars:</p> <ol style="list-style-type: none"> 1. Ms Binita Kumari (2013-14) CUJ/P/2013/PHD/LRM/001 2. Mr. Saurabh Kumar Gupta (2014-15) CUJ/P/2013/PHDLRM/002 3. Mr. Tauseef Ahmad (2015-16) CUJ/P/2014/PHD/LRM/001 4. Mr. Basheer Ahmad KK (2015-16)CUJ/P/2015/PHD/LRM/003 <p>BOS recommended to seal the list of PhD Thesis Examiner/ Evaluator for each candidate separately to be placed before the Board of School (SNRM).</p> <p>Annexure</p>

Agenda D.3	Approval of synopsis of PhD Scholars (2018-19)
Resolution	<p>The following three PhD Scholars have presented PhD Synopsis on 1st Oct. 2019 before their respective RAC.</p> <ol style="list-style-type: none"> 1. B.S.P.C. Kishore (2018-19) 18260201001 2. Shahbaz Ahmad (2018-19) 18260201002 3. Somnath Bar (2018-19) 18260201003 <p>BOS reviewed the PhD Synopsis and approved the same.</p>

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BOS also approved the PhD Synopsis of PhD Scholars (2013-14, 2014-15, 2015-16, 2016-17 and 2018-19)

E. Integrated M.Tech (UG/PG) and M.Sc:

Agenda E.1	Approval of UG project guidelines, M.Tech. Dissertation guidelines, MSc Geoinformatics, MSc Disaster Management Dissertation guidelines as proposed.
Resolution	<ol style="list-style-type: none">1. BOS reviewed the UG project guidelines, M.Tech. Dissertation guidelines, MSc Geoinformatics, MSc Disaster Management Dissertation guidelines and approve the same.2. BOS approved the various courses of studies offered by Department of Geoinformatics, namely, M.Sc. Geoinformatics, Int. M.Tech Geoinformatics, M.Sc. Disaster Management. <p>The summary of the guideline is as follows:</p> <ol style="list-style-type: none">a) As per the CUJ Examination requirement, IX and X semester Dissertation marks for Int. M. Tech. examination need to be distributed as 20% (periodic presentation), 60% (concise dissertation), and 20% (viva voce).b) In the Dept. of Geoinformatics, for IX semester (21 credits), total marks allocated is 1400. The break up marks is 280 as periodic presentation, 840 as concise dissertation, and 280 as viva voce. In X semester (21 credits), total marks allocated is 1600. The break up marks are 320 as periodic presentation, 960 as concise dissertation, and 320 as viva voce.c) Also, for VIII semester (Int. M.Tech.) UG Project (10 credits), total marks are allocated as 400. The marks need to be distributed as 20% (periodic presentation), 60% (concise dissertation), and 20% (viva voce). The break up marks are 80 as periodic presentation, 240 as concise dissertation, and 80 as viva voce.d) Following similar criterion of marks distribution for M.Sc. (Geoinformatics) dissertation in IV semester (21 credits), total marks are allocated as 800. The marks are being distributed as 20% (periodic presentation), 60% (concise dissertation), and 20% (viva voce). The break up marks are 160 as periodic presentation, 480 as concise dissertation, and 160 as viva voce.e) The 20% (periodic presentation) marks will be awarded by the two member committee from the department, wherein supervisor will be a member. The 60% (concise dissertation) and 20% (viva voce) marks will be awarded by an external examiner and the two member committee from the department.f) All students pursuing UG/PG dissertations has to submit his/ her synopsis (in hard copy + soft copy format) to the respective supervisors after allotment of supervisors within a stipulated time given. All submitted synopsis will be examined in consultation with the supervisor(s) only.

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	<p>g) The periodic evaluation through hard copy submission will be done during the 2nd week of October and February, whereas final presentation in person will be done during the 2nd week of December and May during M.Tech dissertation.</p> <p>h) The BoS recommended that it is mandatory to clear the UG Project (8th Semester) for a student to get promoted to M.Tech. Dissertation (9th and 10th Semester). It will also be mandatory for a student to secure minimum 40 percent of marks in 9th Semester in order to get promoted to the 10th Semester along with required attendance.</p>
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F. Lab Marks Distribution

Agenda F.1	Marks distribution and examination of Practical/ Laboratory papers in M.Sc and Integrated Program (Geoinformatics, Disaster Management)
Resolution	<p>The lab paper marks distribution has been discussed as approved with the following points:</p> <p>There is total 100 marks of each lab paper. The one time examination (sessional) of 30 marks and end semester examination of 70 marks (10 marks practical file+ 40 marks lab examination/ work + 20 marks viva voce) will be conducted. The End semester examination will be conducted by External Examiner.</p> <p>BOS approved the previous and current lab examination marks distribution and method.</p>

G. Award of Degree to Int. M. Tech and M.Sc.(Geoinformatics):

Agenda F.2	Award of degree of Int. M.Tech, MSc. in Geoinformatics
Resolution	<ol style="list-style-type: none"> 1. It is also recommended that all batch of Int. M.Tech (2013-18, 2014-19, 2015-20, and 2016-21) will be awarded with the degree of Int. M.Tech in Geoinformatics. 2. It is also recommended that all batch of M.Sc (2012-14, 2013-15, 2014-16, 2015-17, 2016-18, 2017-19, 2018-20, and 2019-21) will be awarded with the degree of M.Sc in Geoinformatics.

- H. BOS approved the award of the degree of M.Sc. Geoinformatics to all the M.Sc. batches
- I. BOS members discussed, agreed, and recommended that "Academic Field-Tour" will remain as an essential component of the MSc (Geoinformatics), Int. M.Tech (Geoinformatics) and M.Sc in Disaster Management programmes and all the students of MSc and Int. M.Tech. Programme must be given sufficient exposure of the field covering different applied aspects.
- J. BOS members recommended to improve the library with sufficient number of books as mentioned in the syllabus.

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- K. BOS members strongly recommended to strengthen the laboratory facility in the Department with adequate number of workstations, 3D workstations, WETLAB, UAV, Spectroradiometer, and field data collection instruments various satellite images, aerial photographs, etc.
- L. The relevant recommendations may be submitted before the concerned Board of School (SNRM), Board of Research Studies (BRS), and Academic Council (AC).

The meeting concluded with a vote of thanks.



(Bikash R. Parida)
Asst. Professor, DGI, CUJ



(Anil Kumar)
Asst. Professor, DGI, CUJ



(Manjaya Lal)
Assistant Professor, DGI, CUJ



(G.P. Singh)
Assistant Professor, DNST, CUJ



(P. Saikia)
Assistant Professor, DEVS CUJ



(Parul Srivastava)
Vice President, IORA Pvt. Ltd., New Delhi



(Prashant K Srivastava)
IESD, BHU



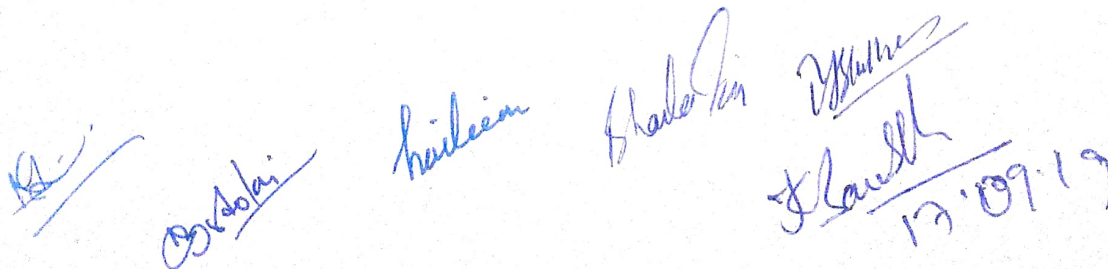
(Prof. A.C. Pandey)
Head, Department of Geoinformatics
School for Natural Resource Mgmt.
Convener & Chairperson Ex-Officio

Department of Environmental Sciences
Central University of Jharkhand

Departmental Research Committee (DRC) meeting was held on 17.09.2019 in the Chamber of the Head, DEVS & Chairman, DRC to discuss about the newly registered Ph.D. scholar, Batch-2019. Looking at the proposed area of research, Research Advisory Committees (RAC) is constituted for each new admitted student.

The Committee of the respective Ph.D. Scholar is given as below:

Sl. No.	Name of Ph.D. Scholar	Name of Supervisor	Tentative research area	RAC Member
1.	Khushbu Kumari	Dr. Kuldeep Bauddh	Phytoremediation	1. Head, DEVS 2. Dr. Pallavi Sharma, DLS (External)* 3. Dr. Kuldeep Bauddh, DEVS (Supervisor) 4. Dr. Abhishek Guldhe, DEVS 5. Dr. Nirmali Bordoloi, DEVS
2.	Raushan Kumar	Dr. Nirmali Bordoloi	Sustainable Agriculture	1. Head, DEVS 2. Dr. Ashish Sachan, DLS (External) 3. Dr. Nirmali Bordoloi, DEVS (Supervisor) 4. Dr. Purabi Saikia, DEVS 5. Dr. Kuldeep Bauddh
3.	Varsha Goswami	Prof. Manoj Kumar	Aerosol modeling	1. Head, DEVS 2. Prof. Manoj Kumar (Supervisor) 3. Dr. Siddhartha Singh, CIMFR, Co-supervisor** 4. Prof. R.K. Dey, DoC, External 5. Dr. Purabi Saikia, DEVS
4.	Jotsna Murmu	Prof. Manoj Kumar	Land surface processes study - SVAT	1. Head, DEVS 2. Prof. Manoj Kumar (Supervisor) 3. Dr. R. Latha, IITM Pune, Co-supervisor** 4. Prof. S. Madekar, DoP, External 5. Dr. Bhaskar Singh
5.	Shahrukh Nawaj	Dr. Bhaskar Singh	Bio-Fuel	1. Head, DEVS 2. Dr. Bhaskar Singh (Supervisor) 3. Dr. Ashish Sachan, DLS (External) 4. Dr. Abhishek Guldhe, DEVS (Co-Supervisor) 5. Dr. Purabi Saikia, DEVS
6.	Akash Nag	Dr. Purabi Saikia	Biodiversity/Ecology	1. Head, DEVS 2. Dr. Purabi Saikia (Supervisor) 3. Dr. G. Ravikant, ATREE, Bangalore, Co-supervisor 4. Dr. Praveen Sharma, DLS, External 5. Dr. Kuldeep Bauddh, DEVS

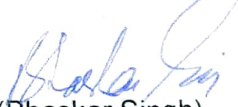


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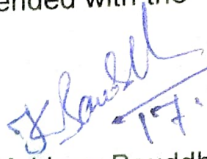
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7.	Santosh Kumar	Dr. Purabi Saikia	Agro-Forestry	<ol style="list-style-type: none"> 1. Head, DEVS 2. Dr. Purabi Saikia (Supervisor) 3. Dr. Ajay Singh, DWEM (External) 4. Dr. Nirmali Bordoloi, DEVS 5. Dr. Bhaskar Singh, DEVS
<p>* Subject to continuation of tenure. ** Letter of Consent may be obtained, if not received so far.</p>				

Members unanimously recommended RAC for further processing. Meeting ended with the thanks to the Chair.



(Bhaskar Singh)
Member


(Purabi Saikia)
Member


(Kuldeep Baudh)
Member
17.09.19


(Nirmali Bordoloi)
Member


(Abhishek Guldhe)
Member


(Manoj Kumar)
Chairman, RAC
17.9.19