

JHARKHAND UNIVERSITY OF TECHNOLOGY, RANCHI

MINUTES OF THE 19th MEETING OF ACADEMIC COUNCIL



Held on 20th December, 2024 at 03:30 PM

Venue

Conference Room, JUT

Science and Technology Campus, Namkum, Ranchi

Jharkhand- 834010

Following members were present in the meeting:

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| 1. Prof. D.K. Singh, Vice-Chancellor, JUT, | : Chairperson |
| 2. Prof. Pankaj Rai, Director, BIT Sindri | : Member |
| 3. Dr. Santosh Kr. Mahto, Nominee of Director, I.I.I.T, Ranchi | : Member |
| 4. Prof. Sneh Kumar, Director, Curriculum Development, JUT | : Member |
| 5. Mr. Viplov Kishor Pandey, CoE, JUT, Ranchi. | : Member |
| 6. A.G.P. Kujur, Assistant CoE, JUT, Ranchi | : Member |
| 7. Principal, GP Ranchi | |
| 8. Principal, GP Khutri | : Member |
| 9. Principal, GP Bhaga | : Member |
| 10. Principal, GWP Jamshedpur | |
| 11. Principal, CIT, Ranchi | : Member |
| 12. Principal, RVSCET, Jamshedpur | : Member |
| 13. Principal, B.A College of Engg & Tech., Jamshedpur | : Member |
| 14. Principal, Al-Kabir Polytechnic, Jamshedpur | : Member |
| 15. Principal, VMIT, Ranchi | : Member |
| 16. Principal, Pakur, Polytechnic, Pakur | : Member |
| 17. Principal, Silli Polytechnic, Silli | : Member |
| 18. Mr. Nishant Kumar, Registrar (I/C), JUT, Ranchi | : Member Secretary |

Special Invitee

1. Principal, RTCIT, Ranchi.
2. Prof. Nitin Kumar Puri, ED. NIELIT, Ranchi

Leave of Absence

- | | |
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| 1. Vice-Chancellor B.I.T., Mesra | : Member |
| 2. Director, (TE), Higher & Technical Education Department | : Member |
| 3. Director, NIAMT, Ranchi | : Member |
| 4. Principal, GP Koderma. | : Member |
| 5. Principal, GP Dhanbad | : Member |
| 6. Principal, GP Dumka | : Member |
| 7. Principal, R.I.T, Koderma | : Member |
| 8. Principal, GGSEST, Bokaro | : Member |
| 9. Principal, Dumka Engineering College, Dumka | : Member |

At the outset, the Chairperson welcomed the members of the Academic Council present in the meeting. Thereafter, the Member Secretary started the proceeding with the permission of the Chairperson. Accordingly, the following agenda items with proceeding were presented.

Item No. 19.1- Confirmation of the minutes of the 18th meeting of the Academic Council held on 10.09.2024

The proceeding of the 18th meeting of the Academic Council was confirmed by the learned members.

Item No 19.2 -Actions taken on the decisions of the 18th meeting of the Academic Council held on 10.09.2024

The Action Taken Report of 19th meeting of the Academic Council held on 10.09.2024 was noted by the learned members.



Item No 19.3 – Agenda for needful directive and approval.

Sl.	Item	Memo	Decision
(i)	Amendment of ordinance for Ph.D Programme (Effective from Academic years 2022-23 onwards)	Refer Point No-13 of Page no. 14 of 38 of Ph.D Ordinance where it is mentioned that “ <i>All Ph.D research Scholars will be required to complete the course work within a period of two semesters (One year from the date of registration for the Ph.D programme)</i> ” need to be amended as “All Ph.D research Scholars will be required to complete the course work within a period of Four semesters (Two year from the date of registration for the Ph.D programme) Annex -I The same is being placed before the Academic Council for kind approval.	Approved with amendment “All Ph.D research Scholars will be required to complete the course work within a period of Four semesters (Two year from the date of enrollment/registration for the Ph.D programme)
(ii)	Amendment in Ph.D ordinance for compulsory papers and their credits.	Refer Point No-13 of Page no. 14 of 38 of Ph.D Ordinance; it is notified to have research methodology paper as compulsory paper of 4 credits. As per UGC regulation 2022 it is proposed to modify the compulsory paper with its credit as (1) Research methodology – 3 credits and (2) Research and publication ethics- 2 credits. Annex –I The same is being placed before the Academic Council for kind approval.	Approved
(iii)	Relaxation of Point No 13.2 of Ph.D ordinance.	Refer Point No-13 of Page no. 14 of 38 of Ph.D Ordinance where it is mentioned that “A maximum of two theory courses may be offered through MOOCS/NPTEL/SWAYAM in addition to class room instructions, to be decided by the SRC as per the specific requirement for course work of the Ph.D research scholar)” need to be relaxed. Annex –I The same is being placed before the Academic Council for kind approval.	Approved and Entire course work may be done from Swayam/NPTEL
(iv)	Relaxation of Point No-10.5 of Page no. 12 of 38 (Part-time Ph.D Research Scholars) in Ph.D Ordinance.	Refer Point No-10.5 of Page no. 12 of 38 (Part-time Ph.D Research Scholars) in Ph.D Ordinance where it is mentioned that “His place of employment should be within 100 km of the concerned Institute/College” need to be relaxed. Annex -II The same is being placed before the Academic Council for kind approval.	Approved and distance restriction removed
(v)	Approval on the Course structure of Ph.D Course work w.e.f 2024-25.	The Course Structure of Ph.D Course work w.e.f 2024-25 is as given below:- <ul style="list-style-type: none"> • Research methodology – 3 credit.(Compulsory) • research and publication ethics- 2 credit.(Compulsory) For rest 11 credits the DRC will finalize the paper withp credit on recommendation of supervisor of the research scholar. The Subjects recommended by DRC should be available on NPTEL/Swayam.	Approved
(vi)	Ph.D Academic Calendar for AY 2024 25.	The tentative PhD Academic Calendar for AY 2024-25 have been prepared and placed before the Academic Council for Approval. Annex -III	Approved
(viii)	Regarding Preparing a draft of the syllabus	In the BOS meeting held on 08.10.2024, the NEP-based syllabus of the MBA and MCA of different colleges/Universities, namely	Approved

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	for the MBA and MCA.	MBA- VTU , Bangalore, Anna University,BIT Mesra and MCA – National Institute of Karnatka, DY Patil Vidyapeeth Pune and BIT Mesra were referred, and it was decided to align the JUT syllabus per the MBA and MCA's latest syllabus of BIT Mesra. The same is being placed before the Academic Council for approval.	
(viii)	Modification in course Structure of B.Tech 3 rd sem Civil Engg., Branch.	BSC301P - Introduction to Computational Science (Numerical Methods) is included as Practical paper of 3 rd sem Civil engg Branch whereas Transformation Techniques and Complex Variable is included as theory paper of 3 rd sem Civil Engineering Branch. It is proposed to drop this practical paper from the course structure of B.Tech 3 rd sem Civil Engg., Branch. The same is being placed before the Academic Council for approval.	Approved
(ix)	Modification in course Structure of Diploma 3 rd sem Electrical Engg., Branch.	From Academic Year 2024-25 new course structure based on NEP-2020 has been revised for 1 st Semester only. It has been found that for EE/EEE branch “ Basics of Electrical Power System” subject is in the 1 st sem (2024-25) and 3 rd sem (2023-24) with same title and content. So, it is proposed to change it for 3 rd same (2024-25 batch) as “ Electrical Power System” The same is being placed before the Academic Council for approval.	Approved
(x)	Constitute an ADVISORY AND MONITORING COMMITTEE for M.Tech and Ph.D Programme at University Level.	It is proposed to constitute an ADVISORY AND MONITORING COMMITTEE for M.Tech and Ph.D Programme at University Level. The committee will consist of the following persons given below: 1) Prof. Upendra Prasad, Electrical Engg., BIT, Sindri 2) Prof. Prakash Kumar, Production & Industrial Engg., BIT, Sindri 3) Prof. Manoj Kumar, Mechanical Engg., BIT, Sindri 4) Prof. Amit Kumar Gupta, Chemical Engg, BIT, Sindri 5) Prof. Nirmala Soren, Electrical Engg., BIT, Sindri 6) Dean Academic, BIT, Sindri 7) Dr. Rajesh Tiwari, RVSCET, JSR 8) Prof. Priyadarshi Jaruhar, Director, GGSEST, Bokaro 9) Director, Curriculum Development, JUT, Ranchi 10) 02 External Expert from IIT (ISM), Dhanbad The same is being placed before the Academic Council for discussion and approval.	Approved It was suggested that to divide this committee in two groups. One for BIT Sindri and second for JUT Centre.
(xi)	Constitute an ADVISORY AND MONITORING COMMITTEE for Diploma Programme at University Level.	It is proposed to constitute an ADVISORY AND MONITORING COMMITTEE for Diploma Programme at University Level. The committee will consist of the following persons given below: 1) Dr. Sandeep Kumar Sharma, Principal(I/C),GP Simdega 2) Dr. Jarandan Sahay,HOD,GWP Bokaro 3) Dr. Waris Imam,Principal , Al-kabir Polytechnic. 4) Director, Curriculum Development, JUT, Ranchi- 5) 02 External Expert nominated by VC,JUT. The same is being placed before the Academic Council for approval	Approved
(xii)	Constitute an ADVISORY AND MONITORING COMMITTEE for UG Programme at University Level.	It is proposed to constitute an ADVISORY AND MONITORING COMMITTEE for UG Programme at University Level. The committee will consist of the following persons given below: 1) Dr. Vineet Shekhar, Palamu Engg. College. 2) Dr. Prashant Kumar Singh, BIT Sindri. 3) Dean Academic, BIT, Sindri 4) Dr. Arsad Usmani,CIT Ranchi.	Approved

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		<p>5) Dr. Arvind Kumar, RTC,Ranchi 6) Director, Curriculum Development, JUT, Ranchi 7) 02 External Expert nominated by VC, JUT.</p> <p>The same is being placed before the Academic Council for approval</p>																			
(xiii)	Organizing one week Induction Program for M.Tech Student.	<p>It is proposed to organize one week Induction Program for newly admitted M.Tech Student of session 2024-26.</p> <p>The same is being placed before the Academic Council for discussion and approval.</p>	Approved with suggestion Duration of one week or As per AICTE Norms.																		
(xiv)	Regarding the scholarship to GATE/NET etc qualified M.Tech and Ph.D student through JUT.	<p>It is to propose that M.Tech and Ph.D students who are GATE/NET etc qualified will not be provided any scholarship through JUT unless and until through the grant from DHTE, GoJ. However they can achieve scholarship through other Agencies.</p> <p>This matter is being place before the learned member for discussion and approval.</p>	Approved																		
(xv)	Regarding approval for M.Tech Students selecting a professional or open elective subjects from outside the course structure	<p>It is to propose that M.Tech Students may select a professional or open elective subject apart from mentioned in course structure.</p> <p>For that students will have to give application to the DAC. After the recommendation of DAC and approval of Dean Academic then students will complete the course through SWAYAM/NPTEL/MOOCs. Each approval will have to be timely reported to the University giving subject name, credit etc.</p> <p>This matter is placed before Academic Council for discussion and necessary further action.</p>	Approved																		
(xvi)	Include the SGPA, CGPA, Grading and Conversion between Percentage CGPA and % marks in Ph.D Ordinance.	<p>Semester Grade Point Average (SGPA) shall be calculated as under: $SGPA = \frac{\sum \text{Respective Semester (Course credit X Grade point)}}{\sum \text{Respective Semester (Coursecredits)}}$</p> <p>cumulative Grade Point Average (CGPA) shall be calculated as under: $CGPA = \frac{\sum \text{All Semester (Course credit \times Grade point) for all courses}}{\sum \text{All Semester (Course credits)}}$</p> <p>conversion between CGPA and % marks: $\% \text{ marks} = (CGPA - 0.5) \times 10.0$</p> <p>Grade:</p> <table border="1"> <thead> <tr> <th>Method of Converting percentage marks to grades. The absolute grading system will be used as under. Percentage (%) of marks obtained with Letter Grade: Percentage obtained /Status</th> <th>Grade allotted</th> </tr> </thead> <tbody> <tr> <td>90 and above</td> <td>A+</td> </tr> <tr> <td>80 and above but less than 90</td> <td>A</td> </tr> <tr> <td>70 and above but less than 80</td> <td>B+</td> </tr> <tr> <td>60 and above but less than 70</td> <td>B</td> </tr> <tr> <td>50 & above but less than 60</td> <td>C+</td> </tr> <tr> <td>35 & above but less than 50</td> <td>C</td> </tr> <tr> <td>Less than 35</td> <td>F</td> </tr> <tr> <td>Incomplete</td> <td>I</td> </tr> </tbody> </table> <p>The same is being placed before the Academic Council for approval . Annex -IV</p>	Method of Converting percentage marks to grades. The absolute grading system will be used as under. Percentage (%) of marks obtained with Letter Grade: Percentage obtained /Status	Grade allotted	90 and above	A+	80 and above but less than 90	A	70 and above but less than 80	B+	60 and above but less than 70	B	50 & above but less than 60	C+	35 & above but less than 50	C	Less than 35	F	Incomplete	I	Approved
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70 and above but less than 80	B+																				
60 and above but less than 70	B																				
50 & above but less than 60	C+																				
35 & above but less than 50	C																				
Less than 35	F																				
Incomplete	I																				

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(xvii)	Approval for conducting examination of MSBTE-adopted syllabus students	The proposal is placed for conducting the examination of the paper of Diploma All semester MSBTE adopted Syllabus.	Approved for another one year.
(xviii)	Approval of Proposal submitted by NIELIT, Ranchi.	The Proposal submitted by NIELIT, Ranchi regarding I. Conducting Internship Program in emerging technologies for the students of JUT, Ranchi. II. To integrate NIELIT Courses in the Course curriculum of JUT, Ranchi This matter is placed before Academic Council for discussion and necessary further action.	Approved
(xix)	Approval of conducting a Minor in Business Analytics of 20 credits in collaboration with XISS, Ranchi	A decision has been taken in the BoS meeting held on 18 Dec 2024 that conducting a minor course of "Business Analytics of minimum 20 credits" for all B.Tech programme in collaboration with XISS, Ranchi. The course structure is placed before Academic Council for information and post facto approval.	Approved
(xx)	Regarding the Complete transfer of Ph.D Scholars' registration of NIAMT research centre to NIAMT.	National Institute of Advance Manufacturing Technology (NIAMT) which was earlier NIFFT has been granted the status of an Institution deemed to be University under distinct category on 22/04/2024. The Institute is requesting for transfer of registration of Ph.D Scholars registered in JUT, Ranchi and working in NIAMT research centre. Annex -V The matter is placed for discussion and Appropriate decision.	The Ph.D Scholars of NIAMT Research Center who have completed the Course work will be in JUT.

Item No 19.4 –Reporting Items.

Sl.	Item	Memo	Decision
(i)	Introducing Advance Python programming as a subject for CSE branch (Diploma 3 rd sem).	The "Python Programming" subject with same course content is in both 2 nd and 3 rd semester of Diploma course of CSE. After coming this discrepancy into the notice the subject of 3 rd sem CSE branch has been renamed as Advance Python programming and its fresh syllabus is uploaded in the website. The same is being placed before the Academic Council for Post fact to approval.	Approved
(ii)	Post Facto approval of Results.	The results publication by the University as per Annexure- (vi) is placed for post facto approval. Annex - VI	Approved
(iii)	Post facto approval of application fee for Provisional Degree Certificate of Ph.D, PG, UG & Diploma Programmes.	The application fee for the Provisional Degree Certificate of Ph.D, PG, UG & Diploma Programmes is being charged as Rupees 500.00. The same is placed for post facto approval of the Hon'ble member.	Approved
(iv)	Regarding the 1 st convocation of JUT is scheduled on 25 Jan 2025	The 1 st convocation of JUT is scheduled on 25 Jan 2025 The Excellency Hon'ble Governor-cum-Chancellor of University of Jharkhand has confirmed to chair the first convocation of JUT on 25 th Jan, 2025.	Information well received.
(v)	Singing of MoU with Tiptop,	For design and creations of curriculum for entrepreneurship focused learning experience and subsequent courses which shall	Information well received.

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	Inc.d/b/a, California 94022 (US) representing India show Reel Pvt, Ltd.	be hosted on ShowReel App. The same is placed before the learned member for information.	
(vi)	Appointment of serial Entrepreneur of Silicon Valley (US), Mr. Ramesh K. Yadava as an Adjunct professor of JUT, Ranchi.	We have introduced Entrepreneurship subject course to all branches of B.Tech 5 th Semester Mr. yadava is continuously engaging the class of this paper online for last two academic years. Considering his commitment contribution to promote start up, innovations and entrepreneurship culture is state. The same is placed before the learned member for information and approval.	Information well received.
(vii)	Minor modification in course structure of Circuit Branches of 1 st & 2 nd Semester B.Tech.	<ul style="list-style-type: none"> - Engg. Mech from 1st Sem to 2nd Sem - Biology for Engineers from 2nd to 1st. 	Approved
(viii)	In the course structure of BCA (1 st Sem) the Audit course in Holistic Education.	In the course structure of BCA (1 st Sem) the Audit Course in Holistic Education its detailed syllabus was not shared with course structure. The same is now placed before the learned member for information and approval.	Approved

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RTCIT, Ranchi

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Al-Kabir, Polytechnic, JSR

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B.A, College, JSR

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R.V.S.C.E.T, JSR

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Silli Polytechnic Silli

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Pakur Polytechnic Pakur

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GP Khutri

Sd/-
Principal
GP Ranchi

Sd/-
Nominee of Director
IIT, Ranchi

Sd/-
Assitant CoE,
JUT, Ranchi

Sd/-
CoE,
JUT, Ranchi

Sd/-
Director,
(C. D.), JUT, Ranchi

Sd/-
Registrar (I/C)
JUT, Ranchi

Sd/-
Director,
B.I.T., Sindri

Sd/-
Vice Chancellor,
JUT, Ranchi

Memo No. JUT-189/2019/ 03
Copy to:-

/ Ranchi, Dated 02/01/2025

- 1) PS/PA to Principal Secretary to Hon'ble Governor cum Chancellor, Ranchi, Jharkhand.
- 2) PS/PA to Director (T.E), Higher and Technical Education, Ranchi, Jharkhand.
- 3) All the members of Academic Council.
- 4) All Affiliated institutes of Jharkhand University of Technology, Ranchi.
- 5) Vice-Chancellor, Registrar Office and All Officer and Employees of Jharkhand University of Technology, Ranchi for kind information.

Nishant Kumar
02/1/25
Registrar (I/C),

Jharkhand University of Technology, Ranchi.