



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)

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IGNITED MINDS
INSPIRED SOULS

SUMMARY SHEET

Criteria	Criterion 1 – Curricular Aspects
Key Indicator	1.2. Academic Flexibility
Metric	1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented
Response	1.2.2.1: Number of Programmes in which CBCS/ Elective course system implemented: 17 Number of programmes offered during 2022-2023: 17 Percentage of programmes in which CBCS/elective course system is implemented in 2022-2023: 100%

Note :

1. Elective based system is in place from 2002. CBCS was introduced in 2017.
2. The CBCS was approved in Academic Council Meeting held on 19 Dec 2016. Point is highlighted at No. 16 of ACM minutes.





Programs in which Choice Based Credit System (CBCS) / elective course system implemented

Programme Code	Programme name	Year of Introduction	Status of implementation of CBCS / Elective Course System (ECS)	Year of implementation of CBCS / Elective Course System (ECS)	Year of revision (if any)	If revision has been carried out in the syllabus during last 5 years, Percentage of content added or replaced
BTBI	BTech Bioinformatics	2002	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2002	2018, 2021	80
BTBT	BTech Biotechnology	2005	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2005	2018, 2021	80
BTCE	BTech Civil Engineering	2003	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2003	2018, 2021	50
BTECE	BTech Electronics & Communication Engineering	2002	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2002	2018, 2021	50
BTCSE	BTech Computer Science Engineering	2002	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2002	2018, 2021	0
BTIT	BTech Information Technology	2002	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2002	2018, 2021	0
BTECE	BTech Electronics & Computer Engineering	2021	CBCS : Yes ECS: Yes	CBCS: 2021 ECS: 2021	2023	20





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BTCEC	BTech Civil Engineering with Computer Applications	2022	CBCS : Yes ECS: Yes	CBCS: 2022 ECS: 2022	--	-
BSCMA	B.Sc. Hons (Mathematics and Computing)	2023	CBCS : Yes ECS: Yes	CBCS: 2023 ECS: 2023		
BBA	Bachelor of Business Administration	2023	CBCS : Yes ECS: Yes	CBCS: 2023 ECS: 2023		
MTCE	MTech Civil Engineering	2011	CBCS : Yes ECS: Yes	CBCS:2017 ECS:2011	2019	24
MTCSE	MTech Computer Science & Engineering	2004	CBCS : Yes ECS: Yes	CBCS:2017 ECS:2004	2019	24
MTECE	MTech Electronics & Computer Engineering	2005	CBCS : Yes ECS: Yes	CBCS:2017 ECS:2005	2019	24
MSBT	MSc Biotechnology	2019	CBCS : Yes ECS: Yes	CBCS:2019 ECS:2019	2020	60
MTBT	MTech Biotechnology	2003	CBCS : Yes ECS: Yes	CBCS:2017 ECS: 2003	2021	10
MSMB	MSc Microbiology	2021	CBCS : Yes ECS: Yes	CBCS:2021 ECS:2021	2022	20
PHD	PhD	2003	CBCS : Yes ECS: Yes	CBCS:2017 ECS:2003	2022	70



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Ref. No. JUIT/WKG/REGR/2016-17/

December 27, 2016

OFFICE ORDER

Considering the various communications received from the University Grants Commission regarding implementation of Choice Based Credit System, an item pertaining to implementation of Choice Based Credit System was placed in the Academic Council during the meeting of the Council held on 19 December, 2016 vide Item No. 16.

The Council considered the item and approved implementation of Choice Based Credit System. The objective / principle of choice based credit system shall be included in the course curriculum with effect from Academic Year – 2017-18.

 Director & Academic Head

27/12/2016

Cc to:-

- The Vice Chancellor {for kind information}
- Registrar {for kind information}
- Heads of the various departments (to disseminate the same amongst the faculty members of their respective department)
- Notice Boards





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06/09/2024

Jaypee University of Information Technology, Wagnaghat has already adopted the courses offered through SWAYAM platform for MOOCs Courses since 2018 and the same are being used for transfer of credits also. The students are encouraged to register for MOOCs courses offered through SWAYAM. The details are provided in the attached document.

Table 1 contains the details on the courses opted by the students through SWAYAM platform for MOOCs courses along with the total number of credits transferred in the Grade sheets of the students.

Table 1: Courses opted by the students through SWAYAM platform for MOOCs along with the total number of credits transferred in the Grade sheets of the students

S.No.	Semester	Number of Students opted for MooCs	Number of Certificates received by JUIT students	Total number of credits transferred in the grade sheets
1	2023 ODDSEM and 2024 EVENSEM	39	36	108 (36 × 3)

Handwritten signature and date: 06/09/2024

Prof. Vineet Sharma
(Faculty Coordinator, NPTEL)





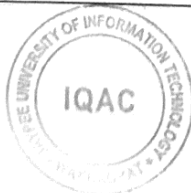
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DETAILS OF MOOCs / NPTEL Courses

2023-24

S. No.	Course Code	Course Name	Link at NPTEL
1	24B2WCI802	ARTIFICIAL INTELLIGENCE: KNOWLEDGE REPRESENTATION & REASONING	https://archive.nptel.ac.in/courses/106/106/106106140/
2	23B2WHS702	PRINCIPLES OF ECONOMICS	https://onlinecourses.nptel.ac.in/noc23/ec06/preview
3	23B2WCE701	AVAILABILITY AND MANAGEMENT OF GROUNDWATER RESOURCES	https://onlinecourses.nptel.ac.in/noc22/ce92/preview
4	23B2WBT704	PHYSICS OF RENEWABLE ENERGY SYSTEMS	https://onlinecourses.nptel.ac.in/noc21/ph33/preview
5	23B2WBT703	FUNDAMENTALS OF FOOD PROCESS ENGINEERING	https://onlinecourses.nptel.ac.in/noc20/ag01/preview
6	23B2WBT702	FUNCTIONAL AND CONCEPTUAL DESIGN	https://onlinecourses.nptel.ac.in/noc20/de10/preview
7	23B2WBT701	NATURAL RESOURCES MANAGEMENT	https://onlinecourses.nptel.ac.in/noc22/ag10/preview
8	24P2WMA102	PARTIAL DIFFERENTIAL EQUATIONS	https://archive.nptel.ac.in/courses/111/101/111101153/
9	24P2WMA101	A BASIC COURSE IN NUMBER THEORY	https://archive.nptel.ac.in/courses/111/101/111101137/
10	24B2WHS802	ELEMENTS OF LITERATURE AND CREATIVE COMMUNICATION	https://onlinecourses.nptel.ac.in/noc22/hs62/preview
11	24B2WHS704	BASICS OF EVENT MANAGEMENT	https://onlinecourses.swayam2.ac.in/nu20_ge01/preview
12	24B2WHS703	INTRODUCTION TO WESTERN POLITICAL THOUGHT	https://onlinecourses.nptel.ac.in/noc21/hs101/preview
13	24B2WHS702	INDIAN SOCIETY SOCIOLOGICAL PERSPECTIVES	https://onlinecourses.nptel.ac.in/noc23/hs78/preview
14	24B2WHS701	HR ANALYTICS	https://onlinecourses.nptel.ac.in/noc24/hs126/preview
15	24B2WEC701	CYBER SECURITY AND PRIVACY	https://onlinecourses.nptel.ac.in/noc23/cs127/preview
16	24B2WCI801	PRIVACY AND SECURITY IN ONLINE SOCIAL MEDIA	https://onlinecourses.nptel.ac.in/noc23/cs13/preview
17	24B2WCI707	INTRODUCTION TO CYBER SECURITY	https://onlinecourses.swayam2.ac.in/nu19_cs08/preview
18	24B2WCI706	INFORMATION SECURITY	https://archive.nptel.ac.in/courses/106/106/106106129/
19	24B2WCI705	SIMULATION OF COMMUNICATION SYSTEMS USING MATLAB	https://onlinecourses.nptel.ac.in/noc23/ee136/preview
20	24B2WCI704	COGNITION AND ITS	https://onlinecourses.nptel.ac.in/noc22





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DETAILS OF MOOCs / NPTEL Courses

2023-24

		COMPUTATION	ee122/preview
21	24B2WCI703	PRACTICAL CYBER SECURITY FOR CYBER SECURITY PRACTITIONERS	https://onlinecourses.nptel.ac.in/noc24_cs85/preview
22	24B2WCI702	INTRODUCTION TO DEEP LEARNING	https://onlinecourses.nptel.ac.in/noc20_cs62/preview
23	24B2WCI701	ARTIFICIAL INTELLIGENCE	https://nptel.ac.in/courses/106102220
24	24B2WBT802	FORESTS AND THEIR MANAGEMENT	https://onlinecourses.nptel.ac.in/noc24_bt23/preview
25	24B2WBT702	HUMAN NUTRITION AND BIOCHEMISTRY	https://onlinecourses.swayam2.ac.in/ce_c24_ag05/preview
26	24B2WMA601	HEALTH ECONOMICS	https://nptel.ac.in/courses/130107369
27	24B2WCE602	INDUSTRIAL WASTE WATER TREATMENT	https://nptel.ac.in/courses/105107207
28	24B2WCE601	REMOTE SENSING AND GIS FOR RURAL DEVELOPMENT	https://nptel.ac.in/courses/105101221

Prof. Vineet Sharma
 (MooC Coordinator)





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**MINUTES OF THE ACADEMIC COUNCIL MEETING HELD
ON
19th DECEMBER, 2016
IN THE
BOARD ROOM OF THE UNIVERSITY**

Following were present:

Vice Chancellor

Prof. Vinod Kumar - Chairman

Head of the Other Institutions of the Trust

Prof. S.C. Saxena

Distinguished Academicians

Prof. Manoj Arora

Deans

Prof. Samir Dev Gupta
Prof. R.S. Chauhan

HODs

Prof. R.S. Chauhan
Prof. S.V. Bhooshan
Prof. (Dr.) S.P. Ghrera
Prof. Ashok Kumar Gupta
Prof. Karanjeet Singh
Prof. P.B. Barman
Dr. Anil Schrawat

Professors

Prof. Sunil Kumar Khah
Prof. Veeresh S. Gali

Industry Professionals

Sh. Vinod Sharma



Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Distt. Solan (H.P.)

Non-Member Secretary

Brig. K.K. Marwah (Retd.)

At the outset Prof. S.C. Saxena welcomed Prof. Vinod Kumar as the New Chairman and Brig. K.K. Marwah (Retd.) as the New Non-Member Secretary of the Academic Council of the University.

The quorum being complete, the Chairman of the Academic Council, Prof. Vinod Kumar, Vice Chancellor called the meeting to order and accorded a very warm welcome to all the members present. The Chairman also welcomed all the new members such as Prof. Manoj Arora, Prof. Samir Dev Gupta, Sh. Vinod Sharma, Prof. Karanjeet Singh, Prof. Sunil Kumar Khah, Prof. Veeresh S. Gali and Brig. K.K. Marwah (Retd.) (Non-Member Secretary). He appreciated the contribution of outgoing members such as Prof. S.K. Kak, Prof. T.S. Lamba, Prof. R.M. K. Sinha, Prof. N.J. Rao, Prof. Hari Om Gupta, Prof. Harinder Singh, Prof. D.C. Kulshreshtha, Prof. Deepak Dahiya, Dr. D.S. Saini, Dr. Ashish Kumar, Dr. Simran Tandon, Dr. Nitin, Dr. Rakesh Kumar & Dr. S.K. Jain and complimented the hard work and dedication of all faculty and staff in the University for their contribution in making the academic programmes in the University successful.

Leave of Absence

Leave of absence was granted to the following:

1. Sh. Sunil Sharma
2. Prof. Padam Kumar

Item No. 1 **Confirmation of Minutes of Last Meeting of the Academic Council held on 12th November, 2014.**

The Minutes of the last Academic Council Meeting held on 12th November 2014 were confirmed.

Item No. 2 **Action Taken Report**

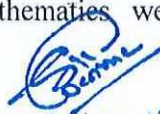
Item No. 2 (i) regarding proposal for M. Tech by Research was withdrawn.

Item No. 2 (ii), the proposal of consideration and approval of the revised course structure of B. Tech (ICT) was withdrawn.

Rest of the Action Taken Report was approved by the Council.

Item No. 3 **Consideration of Revision in the Contents of Different Courses**

The proposals for revision in the contents of different courses of various departments including Department of Physics & Materials Science, Department of Computer Science and Engineering, Department of Electronics & Communication Engineering, Department of Biotechnology & Bioinformatics and Department of Mathematics were approved by the


Assistant Registrar (Academics)
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)



Academic Council with minor changes. The Revised Course Contents of various Departments are attached as **Appendix-I.**

Item No. 4 To Consider Introduction of New Courses

Item Number 4.2 regarding introduction of new courses (Program Education Objectives (PEO's) in Department of Computer Science & Engineering was withdrawn.

Prof. Manoj Arora, Vice Chancellor, PEC University suggested that the format for the course contents of each course be made common to all departments. The same was accepted by the Academic Council.

Item No. 5 Consideration for New Programmes

The proposal was approved by the Academic Council. The details for New Programmes is attached as **Appendix-II.**

Prof. Manoj Arora suggested nomenclature change from Software System Security to Information Security.

Item No. 6 Consideration of New Ph.D. Program in Material Science for the Chemistry Background Students

The proposal was approved by the Academic Council and after due discussion and deliberations it was decided that the Ph.D. Degree in respect of all departments be worded as "Awarded Ph.D. in the Department of.....on(the Topic)

Item No. 7 Report of Events and Academic Issues

The report was approved by the Academic Council.

Item No. 8 To Create Provision of Earning Credits in B.Tech Programmes through MOOCs (Massive Open Online Courses) from NPTEL and SWAYAM

The Courses as added by IIT, Delhi, IIT, Kharagpur and SWAYAM etc. be added.

The Agenda item was approved by the Academic Council.

Item No. 9 Setting up an IPR Cell at JUIT

After discussion and deliberation, members suggested that the IPR Cell should have full time Persons in the Management Committee & Students Committee. The Cell should prepare Annual Calendar for activities.

The proposal was approved by the Academic Council.



Assistant Registrar (Academics)
Jaypee University of Information Technology
Wagnaghat, Dist. Solan (H.P.)

Item No. 10 Setting up of JUIT-IQAC

The proposal was discussed and approved by the Academic Council.

Item No. 11 Approval of PhD Ordinances

The proposal was discussed and approved with minor modifications as per UGC guidelines-2016 by the Academic Council. Modified Ordinance is attached as **Appendix-III**.

Item No. 12 Plagiarism Policy of the University

The agenda item was discussed and approved by the Academic Council. The Plagiarism Policy of the University is attached as **Appendix-IV**.

Item No. 13 Establishment of Innovation and Entrepreneurship Cell at JUIT

The Agenda item was discussed and approved by the Academic Council.

Item No. 14 Faculty Selection Committees

Prof. S.C. Saxena suggested that the Faculty Selection Committee should have members at the level of Professors. The same was accepted by the Academic Council and a revised list for each department was made and approved. It was also approved by the Academic Council that if any member of the Expert Committee is not able to attend, the Vice Chancellor may invite any other member as expert. The List of Experts for each Department is attached as **Appendix-V**.

Item No. 15 Approval of Minutes of Board of Studies (BoS) Meetings of Different Departments

Minutes of Board of Studies Meetings of various departments were approved by the Academic Council

Item No. 16 UGC Guidelines on Adoption of Choice Based Credit System

The Proposal was approved by the Academic Council.

Item No. 17 Introduction of Virtual Lab Developed under NMEICT Project of MHRD

The Proposal was approved by the Academic Council.

Item No. 18 Ratifications

The following were discussed and ratified by the Academic Council.

- 18.1 Revised Evaluation System.
- 18.2 Procedure to be adopted in case of Student being absent in any of the Specified Examinations.
- 18.3 Attendance Requirements.




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Item No. 19 Any Other Items with the Permission of the Chair

The following points were discussed and approved by the Academic Council:-

19.1 Pass and Progression of students from 2nd year onwards irrespective of their CGPA and Credits earned but:

- i) Degree will be awarded only if the Course is completed within maximum of six years, Credits earned are minimum 195, CGPA is minimum 4.5, industrial training completion certificate has been submitted and there is no disciplinary proceedings pending against the student.
- ii) Students of 1st year having CGPA less than 3.5 have to repeat the year.
- iii) Performance of Academically weak students to be reviewed by the concerned Departments and a schedule is to be prepared for such students so as to meet the above requirements.

19.2 A student who is in final year final semester may be allowed to take two one-to-one courses (8 credits) subject to maximum of 32 credits, to complete the Credit and CGPA requirements for the award of degree.

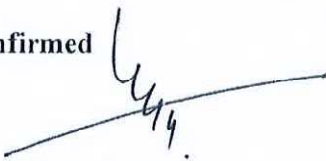
19.3 Uniform is mandatory for all the students.

As there was no other point, the meeting ended with a vote of thanks to the Chair.



Brig. K.K. Marwah (Retd.)
Non-Member Secretary

Confirmed



Prof. Vinod Kumar
Chairman


Assistant Registrar (Academics)
Jaypee University of Information Technology
Kanaknaghat, Distt. Solan (H.P.)





Jaypee University of Information Technology,
Waknaghat, Solan (H.P.)

**MINUTES OF THE EMERGENT ACADEMIC COUNCIL MEETING
HELD ON JUNE 27, 2018 (WEDNESDAY)**

Notice of Emergent Academic Council meeting was sent to all the members of the Academic Council vide E-mail dated 20 June, 2018. Accordingly, Emergent meeting of the Academic Council was conducted on June 27, 2018 (Wednesday) at 3.30 p.m. in the Board Room of Jaypee University of Information Technology, Waknaghat, Solan. The following members of the Council were present during the meeting:-

- | | |
|---|--|
| 1. Prof. Vinod Kumar
Vice Chancellor, JUIT, Waknaghat | - Chairman |
| 2. Sh. Vinod Sharma
Member Nominated by Pro Chancellor | - Member |
| 3. Prof. Samir Dev Gupta
Director & Dean Academics | - Member |
| 4. Prof. S. P. Ghrera
Professor & Head - CSE / IT Deptt. | - Member |
| 5. Prof. Ashok Kumar Gupta
Professor & Head - CE Deptt. | - Member |
| 6. Prof. Sudhir Syal
Professor & Head - BT / BI Deptt. | - Member |
| 7. Prof. Sunil Kumar Khah
Professor - PMS Deptt. / COE | - Member |
| 8. Dr. Neelkanth
Assistant Professor (Sr. Grade) | - Representative from Deptt.
of Mathematics |
| 9. Dr. Neena Jindal
Assistant Professor (Grade-I) | - Representative from Deptt.
of HSS |
| 10. Maj. Gen. Rakesh Bassi, SM (Retd.)
Registrar & Dean Students | - Non-Member Secretary |
| 11. Sh. Sanjay Kumar Verma
Assistant Registrar (Academics) | - Special Invitee |

LEAVE OF ABSENCE

Some members could not attend the meeting due to their pre-engagements for the day of meeting. Leave of absence to such following members was recorded:-



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