



# AMITY UNIVERSITY

MADHYA PRADESH

Established vide Government of Madhya Pradesh Act No. 27 of 2010


## Implementation of Choice Based Credit System (CBCS) at Amity University Madhya Pradesh, Gwalior

Date: 29.11.2014

A meeting of Academic Council of Amity University Madhya Pradesh (AUMP), Gwalior was held on 27 November 2014 at 11:00 hrs at the Amity University campus, Maharajpura, Gwalior under the Chairmanship of Vice Chancellor, AUMP, Gwalior.

During the meeting, 17 agenda points were discussed. Agenda No. 1,2,3 and 4 were related to implementation of CBCS in all the institutes/schools of AUMP.

Proposal was submitted by Dean (Academics) and same was approved by the Academic Council for implementation from academic session 2015-16. Minutes of the meeting are attached.

  
29/11/2014

**Prof (Dr.) R. S. Tomar**  
**Dean (Academics)**  
Amity University Madhya Pradesh  
Maharajpur, Gwalior 474005





## MINUTES

### ACADEMIC COUNCIL MEETING

DATE : 27 November 2014 (Thursday)

TIME : 11:00 AM

VENUE : Conference Room  
Amity University Campus  
Maharajpura,  
Gwalior (M.P.)

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## MINUTES OF THE MEETING OF ACADEMIC COUNCIL OF AMITY UNIVERSITY MADHYA PRADESH, HELD ON 27 NOVEMBER 2014

1. A meeting of the Academic Council of Amity University Madhya Pradesh (AUMP), Gwalior was held on 27 November 2014 at 1100 Hrs at the Amity University Campus, Maharajpura, Gwalior (M.P.). The meeting was held under the Chairmanship of Lt Gen V K Sharma, AVSM (Retd), the Vice Chancellor, AUMP, Gwalior.
2. The Agenda Points proposed to be discussed during the meeting, were earlier circulated to all members and are attached at *Appendix-A*. The list of Members of Academic Council of Amity University Madhya Pradesh present in the meeting is attached as *Appendix-B*. The Chairman welcomed all the members of Academic Council.
3. The Academic Council, then proceeded to discuss the agenda points. The details of discussion are given in the succeeding paragraphs.
4. **Agenda No.1. Approvals of Minor Tracks for Choice based Credit System (CBCS).**  
Dean Academics presented the Minor Tracks for CBCS for all the Institutes to the Academic Council Member. This was approved and is attached as *Appendix-C*.
  - (a) It was also decided that while Amity School of Architecture and Planning, is not required to offer any minor track, however, students of ASAP will be required to select at least one minor track being offered by other institutions.
  - (b) It was decided that CBCS will be mandatory for all the students.
5. **Agenda No. 2. Approval of vacancies for CBCS for each Minor Tracks.**
  - (a) The Dean (Academics) gave a list of proposed vacancies for CBCS for each Minor rack. The same was approved and is attached at *Appendix-D*.



- (b) All HoIs ( ASET, ABS, AIB, ASCO, ALS and ASF&T)) requested for one additional faculty for CBCS. One additional vacancy in each institutes as mentioned have been approved by the Academic Council members. However, additional faculty will be only be required after calculating the load available on the existing faculty members.
- (c) One faculty will be shared by ALS and EVS while ASL/ASCENT does not require any additional faculty. The same was approved by the council.
6. **Agenda No. 3.** Approval of syllabus for CBCS for each minor track.
- (a) It was decided that all HoIs should submit the entire syllabus to Vice-chancellor through Dean Academics for approval.
- (b) Vice-Chancellor instructed all the HoIs to upload the entire syllabus (for all semesters) on the Amozne after approval of Vice-Chancellor, through Dean Academics.
- (c) Nominated member Dr. D.T. Selvam suggested that syllabus should be reviewed after one year and amendment may be done (if required) with approval of competent authority.
7. **Agenda No. 4.** Approval of Methodology for implementation of CBCS (in form of a pamphlet) to be prepared by Dean (Academics). Dean (Academics) has circulated the methodology for implementation of CBCS to all HoIs. The same was approved and is attached as *Appendix-E*.
8. **Agenda No. 5.** Programs proposed to be deleted/added for academic Session 2015-16.
- (a) Members were of the opinion that academic programs in which students are not showing any interest and there was no admission in 2014-15 may be discontinued from the 2015-16. It was recommended that following programs may be discontinued:-

- i. B. Sc – IT
- ii. B.A. (H) Political Science
- iii. B.A. (H) History
- iv. B.A(H) Philosophy



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- v. M.A. English
- vi. MCA
- vii. M.Sc. IT
- viii. B.Sc. Hotel Management

(a) Dy. Director, ASCO proposed to start two new programs from next academic year. The programs are as under:-

- i. MBA in Media Management
- ii. Master in Film and TV production

The above was recommended by the members of academic council subject to approval by sponsoring body RBEF. The chairman said that the programs can only be approved by Academic Council, after the detailed syllabus for these programs is finalized.

9. Agenda No. 6. Requirement of Additional Labs for the Academic Year 2015-16.

(a) In view of incomplete information requirement of Labs for ASET was not finalized. The chairman directed HoI ASET to finalize the requirement and get the same approved from him.

(b) Dy. Director, AIB requested for two additional labs, for Ph. D. Scholars and for M.Tech. students respectively. This was approved by Academic Council.

(c) In-charge FD&T requested for three class rooms and two labs. This was accepted by the council.

10. Agenda No. 7. Requirement of additional Lab Equipments for the period of January 2015 to June 2015.

(a) HoIs submitted the list of equipments which was approved by members of academic council. The same is attached as *Appendix-F* ✓

11. Agenda No. 8. Requirement of additional Books/ Journals for the period of January 2015 to June 2015.



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(a) HoIs have submitted the list of books and journal for the period January to June 2015, The same was approved and attached as *Appendix-G*. ✓

12. Agenda No. 9. Approval of Calendar of Events for the period of January 2015 to June 2015.

(a) Event calendar of AU MP for the period of January to June 2015 was placed before the academic council member.

(b) Dy. Director, ASCENT/ASL suggested that dates of Quiz and soft Skill Work Shop, be mutually interchanged. This was agreed to.

(c) The same has been approved by academic council members and attached as *Appendix-H*. ✓

13. Agenda No. 10. Approval of Academic Calendar for next semester .

(a) Dear Academics has put up the academic calendar for the next semester. The same was approved and attached as *Appendix-I*. ✓

14. Agenda No. 11. Requirement of Faculty for the next semester.

(a) There is no proposal for additional faculty in next semester, since the requirement of faculty approved during the previous Academic Council Meeting held on 09<sup>th</sup> April 2014 has not yet been recruited and is in the process of selection/ appointment.

(b) Vice-chancellor informed all the members that candidates with exceptional experience and qualification can be appointed as Professors/ Associate Professors/ Researchers, depending upon their availability. CVs of such candidates should be forwarded to the Registrar for consideration.

15. Agenda No. 12. Enhancement of Research project and Publications.

(a) The chairman emphasized on the need to enhance Research Projects and Publications and the goal set by our Founder President must be achieved at all costs.



- (b) Dean Research proposed to conduct a one day workshop on Research Projects. Vice-chancellor informed that event calendar has already been finalized. Now this workshop may be conducted in next semester.

**16. Agenda No. 13.** Summer Internship Program Planning for the period of January to June 2015.

- (a) All the HoIs informed the members that details about the summer internship program have already been forwarded to Director CRC. The chairman said that the responsibility for SIP placement rests with respective HoIs, since CRC has it hands full on final placement.
- (b) Vice-chancellor enquired about the projects to be completed by the final year students of ASET. Dy. Director, ASET informed the members that Project have been allotted to all final year students. One project has been given to a group of 5-6 students of same branch.
- (c) Vice-chancellor instructed that projects should be demonstrable and there should be possibility of enhancement/ improvement. He also informed that expenditure incurred on the completion of projects has to be borne by the students. However, if the project has scope for further enhancement/improvement, then the university may consider sponsoring the same.
- (d) Vice-chancellor also instructed HoIs to evaluate the projects in holistic manner and marks should be given to the project report and same should be submitted to exam cell.
- (e) Dr. Selvam suggested that evaluation of the project may be done by external examiners only (for final projects). His suggestion was supported by all the members. This was approved by Academic Council.
- (f) Dr. Selvam was of the opinion that different marks may be given to each student depending upon the contribution of each student in the project. Vice-chancellor agreed to this point.

**17. Agenda No. 14.** Establishment of Directorate of Research and Publication.



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(ii) Registrar informed the members that Directorate of Research and Publication has already been established under the chairmanship of Dr. S.P. Bajapi Dean (Research). Notification in this regards has been issued. The same is attached as *Appendix-J*.

Since there was no other agenda to discuss the meeting was concluded at 1:30 hrs with thanks by Registrar to all the members. Meeting was followed by lunch.

Date : 29.11.2014  
Place : Gwalior

Dr. Anil Srivastav  
Registrar- Member Secretary





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**ACADEMIC COUNCIL MEETING : 27<sup>TH</sup> NOVEMBER 2014**

*highlight*

## AGENDA POINTS

| Item No.    | Item   | Remarks   |
|-------------|--|---|
| Item No. 1  | Approval of Minor Tracks for choice Based Credit System (CBCS).  | Dean (Academics)                                |
| Item No. 2  | Approval of Vacancies for CBCS for each programme.   | Dean (Academics)                                |
| Item No. 3  | Approval of Syllabus for CBCS for each programme.  | Dean (Academics)                                |
| Item No. 4  | Approval of Methodology for Implementation of CBCS (In form of a Pamphlet to be circulated to all HOIs). | Dean (Academics)                                |
| Item No. 5  | Programmes proposed to be added / deleted for Admissions for Academic year 2015-16.                      | Dean (Academics) with input from Admission Cell |
| Item No. 6  | Requirement of Additional Labs for Academic year 2015-16.  | All HOIs  |
| Item No. 7  | Requirement of Additional Labs Equipment for the period Jan to June 2015.                                | All HOIs  |
| Item No. 8  | Requirement of Additional Books / Journals for the period Jan to June 2015.                              | All HOIs  |
| Item No. 9  | Approval of calendar of Events of AU MP for the Period Jan 2015 to June 2015.                            | Hon'ble VC with inputs from HOIs / HoDs         |
| Item No. 10 | Approval for Academic Calendar for Next Semester.  | Dean (Academics)                                |
| Item No. 11 | Requirement of faculty for Next Semester (Jan 2015 to June 2015).  | Dean (Academics) with Inputs from Hols          |
| Item No. 12 | Enhancing Research Projects and Publications.  | Dean (Research) with inputs from Hols           |
| Item No. 13 | Summer Internship Programmes planning for the period Jan 2015 to June 2015 and beyond.                   | Hols in conjunction with Director (CRC)         |
| Item No. 14 | Establishment of Directorate Research and Publication  |   |

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*Chaitani*  
Registrar  
Amity University Madhya Pradesh  
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# 1. AMITY INSTITUTE OF BIOTECHNOLOGY

## Minor Tracks

| Semester | Course Name<br>(Vacancies Available) | Course Code | Subject                                      | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Biotechnology Management (30)</b> | BTM1101     | Life Sciences-I                              | 3         |
| II       |                                      | BTM1102     | Life Sciences- II                            | 3         |
| III      |                                      | BTM1103     | Cell Biology                                 | 3         |
| IV       |                                      | BTM1104     | Structural Biology                           | 3         |
| V        |                                      | BTM1105     | Biotech Regulations, Policies and Compliance | 3         |
| VI       |                                      | BTM1106     | Management of Biotech Industry               | 3         |
|          |                                      |             | <b>Total Credits</b>                         | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available) | Course Code | Subject                                      | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Environmental Management (30)</b> | ENV1201     | Environmental Studies-I                      | 3         |
| II       |                                      | ENV1202     | Environmental Studies-II                     | 3         |
| III      |                                      | ENV1203     | Environmental Pollution and Waste Management | 3         |
| IV       |                                      | ENV1204     | Environmental Management & Industrial Safety | 3         |
| V        |                                      | ENV1205     | Environmental Economics and Globalization    | 3         |
| VI       |                                      | ENV1206     | Sustainable Development Practices            | 3         |
|          |                                      |             | <b>Total Credits</b>                         | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available) | Course code | Subject  | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Biodiversity<br/>(30)</b>         | BD1301      | Plant taxonomy and Diversity                     | 3         |
| II       |                                      | BD1302      | Animal Taxonomy and Diversity                    | 3         |
| III      |                                      | BD1303      | Microbial Taxonomy and Diversity                 | 3         |
| IV       |                                      | BD1304      | Ecology and Evolutionary Biology                 | 3         |
| V        |                                      | BD1305      | Conservation Biology                             | 3         |
| VI       |                                      | BD1306      | In -situ and <i>Ex-situ</i> conservation Methods | 3         |
|          |                                      |             | <b>Total Credits</b>                             | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available)  | Course code | Subject                                     | Credit    |
|----------|---------------------------------------|-------------|---|-----------|
| I        | <b>Environmental<br/>Law<br/>(30)</b> | EL 1401     | Indian Environmental Law-I                  | 3         |
| II       |                                       | EL1402      | Indian Environmental Law-II                 | 3         |
| III      |                                       | EL1403      | Indian Environmental Law-III                | 3         |
| IV       |                                       | EL1404      | Environmental and International Legal order | 3         |
| V        |                                       | EL1405      | Biotechnology and Legal Regulation          | 3         |
| VI       |                                       | EL1406      | Environment and Development: Law and Policy | 3         |
|          |                                       |             | <b>Total Credits</b>                        | <b>18</b> |

  
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## 2. AMITY SCHOOL OF COMMUNICATION

### Minor Tracks

| Semester | Course Name<br>(Vacancies Available) | Course Code | Subjects                             | Credit    |
|----------|--------------------------------------|-------------|--------------------------------------|-----------|
| I        | <b>Animation<br/>(40)</b>            | AN2101      | Computer Applications - I            | 3         |
| II       |                                      | AN2102      | Computer Applications – II           | 3         |
| III      |                                      | AN2103      | Computer Graphics, Animation & Sound | 3         |
| IV       |                                      | AN2104      | Web Designing                        | 3         |
| V        |                                      | AN2105      | Multimedia                           | 3         |
| VI       |                                      | AN2106      | Portfolio and Project                | 2         |
|          |                                      |             | <b>Total Credits</b>                 | <b>17</b> |

| Semester | Course Name<br>(Vacancies Available) | Course Code | Subjects   | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Print Media<br/>(30)</b>          | PM2201      | Print Media I – Reporting & Editing                        | 4         |
| II       |                                      | PM2202      | Print Media - II – Specialized Reporting & Feature Writing | 3         |
| III      |                                      | PM2203      | Print Media Design & Production                            | 2         |
| IV       |                                      | PM2204      | Printing Technologies                                      | 3         |
| V        |                                      | PM2205      | Newspaper and magazine research                            | 4         |
| VI       |                                      | PM2206      | Portfolio and Project                                      | 2         |
|          |                                      |             | <b>Total Credits</b>                                       | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available)         | Course Code | Subjects                       | Credit    |
|----------|--|-------------|--------------------------------|-----------|
| I        | <b>Audio - Visual Communication<br/>(40)</b> | AVC2301     | Electronic Communication I     | 4         |
| II       |  | AVC2302     | Electronic Communication II    | 3         |
| III      |  | AVC2303     | Electronic Communication - III | 3         |
| IV       |  | AVC2304     | Electronic Communication - IV  | 3         |
| V        |  | AVC2305     | Electronic Communication - V   | 4         |
| VI       |  | AVC2306     | Portfolio and Project          | 2         |
|          |  |             | <b>Total Credits</b>           | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available) | Course Code | Subjects                           | Credit    |
|----------|--------------------------------------|-------------|------------------------------------|-----------|
| I        | <b>Media Management<br/>(30)</b>     | MM2401      | Fundamentals of Advertising        | 4         |
| II       |                                      | MM2402      | Advertising Principles & Practices | 3         |
| III      |                                      | MM2403      | Public Relations                   | 3         |
| IV       |                                      | MM2404      | Media Management                   | 3         |
| V        |                                      | MM2405      | Event Management - II              | 3         |
| VI       |                                      | MM2406      | Portfolio and Project              | 2         |
|          |                                      |             | <b>Total Credits</b>               | <b>18</b> |

  
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### 3. AMITY BUSINESS SCHOOL

#### Minor Tracks

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                              | Credits   |
|----------|--------------------------------------|-------------|---------------------------------------|-----------|
| I        | <b>General Management<br/>(40)</b>   | MGT3101     | Business Environment                  | 3         |
| II       |                                      | MGT3102     | Organizational Behavior               | 3         |
| III      |                                      | MGT3013     | Business Laws                         | 3         |
| IV       |                                      | MGT3104     | Research Methodology & Report Writing | 3         |
| V        |                                      | MGT3105     | International Marketing Management    | 4         |
|          |                                      |             | <b>Total Credits</b>                  | <b>16</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                  | Credit    |
|----------|--------------------------------------|-------------|---------------------------|-----------|
| I        | <b>Corporate Finance<br/>(40)</b>    | CF3201      | Financial Accounting      | 4         |
| II       |                                      | CF3202      | Accounting for Managers   | 4         |
| III      |                                      | CF3203      | Corporate Finance         | 4         |
| IV       |                                      | CF3204      | Financial Management      | 4         |
| V        |                                      | CF3205      | Fundamental of Investment | 2         |
|          |                                      |             | <b>Total Credits</b>      | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available)          | Course code | Subjects                          | Credit    |
|----------|---|-------------|-----------------------------------|-----------|
| I        | <b>International Business Management (40)</b> | CF3301      | Management Foundations            | 3         |
| II       |   | CF3302      | Macroeconomics for Business       | 4         |
| III      |   | CF3303      | E-commerce                        | 3         |
| IV       |   | CF3304      | International Economics           | 4         |
| V        |   | CF3305      | International Business Management | 3         |
|          |   |             | <b>Total Credits</b>              | <b>17</b> |

| Semester | Course Name<br>(Vacancies Available)  | Course code | Subjects                             | Credit    |
|----------|---------------------------------------|-------------|--------------------------------------|-----------|
| I        | <b>Human Resource Management (40)</b> | HRM3401     | Business Organization and Management | 4         |
| II       |                                       | HRM3402     | Organizational Behavior              | 3         |
| III      |                                       | HRM3403     | Management Information System        | 3         |
| IV       |                                       | HRM3404     | Human Resource Management            | 3         |
| V        |                                       | HRM3405     | Industrial Relations and Labor law   | 4         |
|          |                                       |             | <b>Total Credits</b>                 | <b>17</b> |

  
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# 4. AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

## Minor Tracks

| Semester | Course Name<br>(Vacancies Available) | Course code | Subject                   | Credit               |
|----------|--------------------------------------|-------------|---------------------------|----------------------|
| I        | Embedded Systems<br>(30)             | ES4101      | Digital Electronics       | 3                    |
| II       |                                      | ES4102      | Microprocessor Systems    | 3                    |
| III      |                                      | ES4103      | Microcontrollers          | 3                    |
| IV       |                                      | ES4104      | Embedded Systems          | 3                    |
| V        |                                      | ES4105      | Embedded C                | 3                    |
| VI       |                                      | ES4106      | Project (Embedded System) | 3                    |
|          |                                      |             |                           | <b>Total Credits</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subject                                 | Credit               |
|----------|--------------------------------------|-------------|---|----------------------|
| I        | Artificial Intelligence<br>(30)      | AI4201      | Introduction to Artificial Intelligence | 3                    |
| II       |                                      | AI4202      | Artificial Neural Networks              | 3                    |
| III      |                                      | AI4203      | Fuzzy Logic                             | 3                    |
| IV       |                                      | AI4204      | Genetic Algorithm                       | 3                    |
| V        |                                      | AI4205      | Soft Computing                          | 3                    |
| VI       |                                      | AI4206      | Project (Artificial Intelligence)       | 3                    |
|          |                                      |             |   | <b>Total Credits</b> |

  
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| Semester | Course Name<br>(Vacancies Available)       | Course code | Subjects                        | Credit    |
|----------|--|-------------|---------------------------------|-----------|
| I        | <b>Wireless<br/>Communication<br/>(30)</b> | WC4301      | Basic Electronics               | 3         |
| II       |  | WC4302      | Communication Systems           | 3         |
| III      |  | WC4303      | Wireless Communication          | 3         |
| IV       |  | WC4304      | Radar & Satellite Communication | 3         |
| V        |  | WC4305      | Microwave Engineering           | 3         |
| VI       |  | WC4306      | Antenna and Wave Propagation    | 3         |
|          |  |             | <b>Total Credits</b>            | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subject                              | Credit    |
|----------|--------------------------------------|-------------|--------------------------------------|-----------|
| I        | <b>Network Security<br/>(30)</b>     | NS4401      | Introduction to Computer Network     | 3         |
| II       |                                      | NS4402      | TCP/IP                               | 3         |
| III      |                                      | NS4403      | Network Management                   | 3         |
| IV       |                                      | NS4404      | Wireless and Mobile Network          | 3         |
| V        |                                      | NS4405      | Construction Techniques and Planning | 3         |
| VI       |                                      | NS4406      | Construction Project Management      | 3         |
|          |                                      |             | <b>Total Credits</b>                 | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available) | Course code | Subject                             | Credit    |
|----------|--------------------------------------|-------------|-------------------------------------|-----------|
| I        | <b>Cloud Computing<br/>(30)</b>      | CC4501      | Computer Network                    | 3         |
| II       |                                      | CC4502      | TCP/IP                              | 3         |
| III      |                                      | CC4503      | Storage and Computer Virtualization | 3         |
| IV       |                                      | CC4504      | Network Virtualization              | 3         |
| V        |                                      | CC4505      | Cloud Computing                     | 3         |
| VI       |                                      | CC4506      | Information Storage and Management  | 3         |
|          |                                      |             | <b>Total Credits</b>                | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                               | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Renewable Energy<br/>(30)</b>     | RE4601      | Renewable Energy System-I              | 3         |
| II       |                                      | RE4602      | Energy Conversion System               | 3         |
| III      |                                      | RE4603      | Renewable Energy System-II             | 3         |
| IV       |                                      | RE4604      | Solar Energy and Applications          | 3         |
| V        |                                      | RE4605      | Energy Audit                           | 3         |
| VI       |                                      | RE4606      | Renewal Energy Performance Measurement | 3         |
|          |                                      |             | <b>Total Credits</b>                   | <b>18</b> |

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| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects  | Credit    |
|----------|--------------------------------------|-------------|---|-----------|
| I        | <b>Nanotechnology<br/>(30)</b>       | NT4701      | Basics of Nanotechnology                        | 3         |
| II       |                                      | NT4702      | Properties of Nanomaterials                     | 3         |
| III      |                                      | NT4703      | Graphene Electronics                            | 3         |
| IV       |                                      | NT4704      | Composites and Non-composites                   | 3         |
| V        |                                      | NT4705      | Nanoparticles and their applications            | 3         |
| VI       |                                      | NT4706      | Synthesis and characterization of Nanomaterials | 3         |
|          |                                      |             | <b>Total Credits</b>                            | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available)            | Course code | Subjects                                  | Credit    |
|----------|---|-------------|---|-----------|
| I        | <b>Instrumentation<br/>Engineering<br/>(30)</b> | IE4801      | Instrumentation and Management Techniques | 3         |
| II       |   | IE4802      | Principles of Sensors                     | 3         |
| III      |   | IE4803      | Biomedical Instrumentation                | 3         |
| IV       |   | IE4804      | Industrial Instrumentation                | 3         |
| V        |   | IE4805      | Environmental Instrumentation             | 3         |
| VI       |   | IE4806      | Instrumental Analysis                     | 3         |
|          |   |             | <b>Total Credits</b>                      | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                                   | Credit    |
|----------|--------------------------------------|-------------|--|-----------|
| I        | <b>Signal Processing<br/>(30)</b>    | SP4901      | Signals & Systems                          | 3         |
| II       |                                      | SP4902      | Digital Signal Processing-I                | 3         |
| III      |                                      | SP4903      | Digital Signal Processing-II               | 3         |
| IV       |                                      | SP4904      | Digital Speech and Audio Signal Processing | 3         |
| V        |                                      | SP4905      | Digital Image Processing                   | 3         |
| VI       |                                      | SP4906      | Project (Signal Processing)                | 3         |
|          |                                      |             |  | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                           | Credit    |
|----------|--------------------------------------|-------------|------------------------------------|-----------|
| I        | <b>Robotics<br/>(30)</b>             | RT41001     | Elements of Robotics Systems       | 3         |
| II       |                                      | RT41002     | Hydraulic and Pneumatic Controls   | 3         |
| III      |                                      | RT41003     | Automatic Control System           | 3         |
| IV       |                                      | RT41004     | Microprocessor and Microcontroller | 3         |
| V        |                                      | RT41005     | Artificial Intelligence            | 3         |
| VI       |                                      | RT41006     | Project (Robotics)                 | 3         |
|          |                                      |             | <b>Total Credits</b>               | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available) | Course code | Subject                            | Credit    |
|----------|--------------------------------------|-------------|------------------------------------|-----------|
| I        | <b>Data Analytics<br/>(30)</b>       | DA41101     | Optimization Techniques            | 3         |
| II       |                                      | DA41102     | Basic Statistics                   | 3         |
| III      |                                      | DA41103     | Database Management System         | 3         |
| IV       |                                      | DA41104     | Data Mining                        | 3         |
| V        |                                      | DA41105     | Introduction to Financial Modeling | 3         |
| VI       |                                      | DA41106     | Statistical Quality Control        | 3         |
|          |                                      |             | <b>Total Credits</b>               | <b>18</b> |

| Semester | Course Name<br>(Vacancies Available)       | Course code | Subjects                          | Credit    |
|----------|--|-------------|-----------------------------------|-----------|
| I        | <b>Mechanical<br/>Engineering<br/>(30)</b> | ME41201     | Thermal Engineering               | 3         |
| II       |  | ME41202     | Material Science                  | 3         |
| III      |  | ME41203     | Manufacturing Processes           | 3         |
| IV       |  | ME41204     | Design of Machine Elements        | 3         |
| V        |  | ME41205     | Manufacturing Systems Engineering | 3         |
| VI       |  | ME41206     | Automobile Engineering            | 3         |
|          |  |             | <b>Total Credits</b>              | <b>18</b> |

  
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| Semester | Course Name<br>(Vacancies Available)         | Course<br>code | Subject                                 | Credit    |
|----------|--|----------------|---|-----------|
| 1        | <b>Construction<br/>Engineering<br/>(30)</b> | CE41301        | Building Materials                      | 3         |
| 2        |  | CE41302        | Building Drawings                       | 3         |
| 3        |  | CE41303        | Surveying                               | 3         |
| 4        |  | CE41304        | Building Design Principles              | 3         |
| 5        |  | CE41305        | Construction Techniques and<br>Planning | 3         |
| 6        |  | CE41306        | Construction Project Management         | 3         |
|          |  |                | <b>Total Credits</b>                    | <b>18</b> |

  
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## 5. AMITY LAW SCHOOL

### Minor Tracks

| Semester | Course Name<br>(Vacancies Available)             | Course code | Subjects                                     | Credit               |
|----------|--|-------------|--|----------------------|
| I        | <b>Intellectual Property<br/>Rights<br/>(60)</b> | IPR5101     | Introduction to Intellectual Property Rights | 3                    |
| II       |  | IPR5102     | Conventions & Treaties of IPRs               | 2                    |
| III      |  | IPR5103     | Concept and Nature of Copyright              | 3                    |
| IV       |  | IPR5104     | Patents & Patent Law in India                | 4                    |
| V        |  | IPR5105     | Nature & Concept of Trademarks               | 3                    |
| VI       |  | IPR5106     | Geographical Indications of Goods            | 3                    |
|          |  |             |  | <b>Total Credits</b> |

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                                 | Credit               |
|----------|--------------------------------------|-------------|--|----------------------|
| I        | <b>Human Rights<br/>(60)</b>         | HR5201      | Introduction to Human Rights Concept     | 3                    |
| II       |                                      | HR5202      | Evolution of the Concept of Human Rights | 3                    |
| III      |                                      | HR5203      | Universal Declaration of Human Rights    | 3                    |
| IV       |                                      | HR5204      | International Covenants on Human Rights  | 3                    |
| V        |                                      | HR5205      | Intl. Refugee Law and Humanitarian Law   | 3                    |
| VI       |                                      | HR5206      | Human Rights in India                    | 3                    |
|          |                                      |             |  | <b>Total Credits</b> |

  
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| Semester | Course Name<br>(Vacancies Available)  | Course code | Subjects                              | Credit    |
|----------|---------------------------------------|-------------|---------------------------------------|-----------|
| I        | <b>Public Administration<br/>(60)</b> | PA5301      | Introduction to Public Administration | 3         |
| II       |                                       | PA5302      | Administrative Thought, Behavior      | 3         |
| III      |                                       | PA5303      | Accountability and Control            | 3         |
| IV       |                                       | PA5304      | Administrative Law                    | 3         |
| V        |                                       | PA5305      | Personnel Administration              | 3         |
| VI       |                                       | PA5306      | Evolution of Indian Administration    | 3         |
|          |                                       |             | <b>Total Credits</b>                  | <b>18</b> |

## 6. AMITY SCHOOL OF LANGUAGES

### Minor Track

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                    | Credit    |
|----------|--------------------------------------|-------------|-----------------------------|-----------|
| I        | <b>English Literature<br/>(30)</b>   | ELT6101     | Study of Shakespeare        | 3         |
| II       |                                      | ELT6102     | Romantic poetry             | 3         |
| III      |                                      | ELT6103     | The Novels of England       | 3         |
| IV       |                                      | ELT6104     | The English Novels of India | 3         |
| V        |                                      | ELT6105     | Contemporary Literature     | 3         |
| VI       |                                      | ELT6106     | Creative writing            | 3         |
|          |                                      |             | <b>Total Credits</b>        | <b>18</b> |

  
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## 7. AMITY INSTITUTE OF BEHAVIOURAL SCIENCES AND ALLIED SCIENCES (AIBAS)

### Minor Track

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects                   | Credit    |
|----------|--------------------------------------|-------------|----------------------------|-----------|
| I        | <b>Psychology (30)</b>               | PSY7101     | Introductory Psychology    | 3         |
| II       |                                      | PSY7102     | Abnormal Psychology        | 3         |
| III      |                                      | PSY7103     | Basic Cognitive Psychology | 3         |
| IV       |                                      | PSY7104     | Life Span Development      | 3         |
| V        |                                      | PSY7105     | Psychometric Testing       | 3         |
| VI       |                                      | PSY7106     | Counseling Psychology      | 3         |
|          |                                      |             | <b>Total Credits</b>       | <b>18</b> |

## 8. AMITY SCHOOL OF FASHION DESIGN & TECHNOLOGY

### Minor Track

| Semester | Course Name<br>(Vacancies Available) | Course code | Subjects              | Credit    |
|----------|--------------------------------------|-------------|-----------------------|-----------|
| I        | <b>Fashion Management<br/>(30)</b>   | FM8101      | Fashion Management-I  | 3         |
| II       |                                      | FM8102      | Fashion Management-II | 3         |
| III      |                                      | FM8103      | Fashion Communication | 3         |
| IV       |                                      | FM8104      | Fashion Marketing     | 3         |
| V        |                                      | FM8105      | Fashion Forecasting   | 3         |
| VI       |                                      | FM8106      | Visual Merchandising  | 3         |
|          |                                      |             | <b>Total Credits</b>  | <b>18</b> |


  
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## Minor Track of Environmental law

It is resolved that the teaching of this Paper will be shared by School En. Sc. and Amity School of Law. Sharing of module etc. will be given in due course, today or on Saturday.

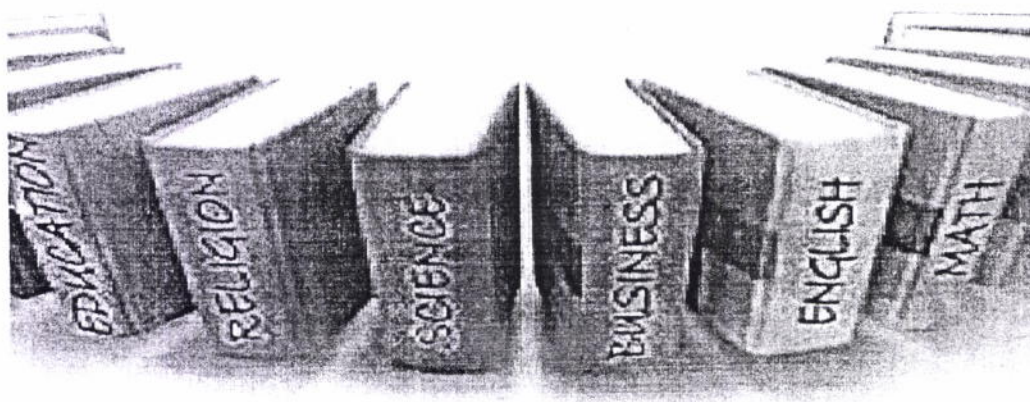
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S. Bajpai  
27/11/2014

  
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# CHOICE BASED CREDIT SYSTEM

- Freedom to design your degree



PROGRAMME STRUCTURE

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# FLEXILEARN

Choice based credit system



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## Flexibility at Amity University Madhya Pradesh

1. Option of choosing a minor along with the major area of study.
2. Allow credit transfer from one programme to another (in case the student decides to shift) – subject to meeting the eligibility criteria.
3. Freedom to choose courses from other programmes.
4. Transfer credits to other universities (in case of twinning programme with universities abroad)

| Program                     | Credit requirement |
|-----------------------------|--------------------|
| 3 year UG program           | 150 credits        |
| 4 year UG program           | 210 credits        |
| 5 year UG program           | 260 credits        |
| 2 year postgraduate program | 130 credits        |

  
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