



SRINIVAS UNIVERSITY

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III. Specific Observation of VEC -Report received from UGC- DEB on 23rd Feb, 2026

Programmes not recommended by VEC:

Submission:

B2- 1.1. Compliance Requirements

1. Act of the HEI for offering online programmes is not submitted.

(a) The HEI-Srinivas University Act (2013) permits the offering of online programmes under the following clauses:

Point 7(i), 7(vi), Point 8(ii), 8(xv),8 (xvii),8(xxi)- Attaching the copy of the Act having these provisions.

Annexure 1 (Proof attached)

(b) There are **three state private Universities** in Karnataka, which are already offering online mode programmes, duly approved by UGC-DEB.

Dayanand Sagar University (2012) and Adichunchanagiri University (2012) have provisions under their Act like Srinivas University Act (2013) only.

Attaching the copy of the Act of the referred Universities and its provisions mentioned under Point 7(i), 7(vi), Point 8(ii), 8(xv),8 (xvii),8(xxi)

On this precedence, Srinivas University will also be compliant with the same HEI act having the required provisions in it.

Annexure 2 (Proof attached)

(c) The objects of the University Act under point 7(vi) clearly permits the university to offer online mode which is in total alignment to the definition of Online mode as per the ODL OL Regulations 2020.Reference -Page 58, Part III- Sec 4 under definitions point (u)

Annexure 3. (Proof with page extract attached)

The above supports the compliance requirements

2. Copy of approval of statutory bodies for PPR & ELMs of 4-year UG programme(s) is not submitted.

The copy of the Statutory bodies' approval for the Programme Project Report and the ELM of 4-year UG programme for the online mode has been duly submitted.



Annexure 4 (Document attached)

This supports the compliance mandate

3. PPR is not as per UGC (Open and Distance Learning Programme and Online Programme) Regulations, 2020.

The suggestions given by the VEC panel members towards the PPR has been duly incorporated in each of the proposed programmes. The PPR document has been updated and passed again through the BOS and Academic council.

The contents of the updated PPR are as per the UGC (Open and Distance Learning Programme and Online Programme) Regulations, 2020.

Annexure 5 (PPR attached with Academic council MOM) Link to the document/drive

<https://drive.google.com/drive/u/1/folders/15yUosrSln09mfcuybfvT8il9BOwhoxST>

This supports the compliance mandate.

4. ELM is not as per UGC (Open and Distance Learning Programme and Online Programme) Regulations, 2020.

The ELM for the online programme has been prepared as per the UGC (Open and Distance Learning Programme and Online Programme) Regulations, 2020.

The ELM is enabled as per the 4 Quadrants of Audio-Visual content, E- learning modules, Web resources and discussion forums and Assessment questions.

The specifications given for the content preparation under each quadrant has been completely followed and facilitated for the course as per the academic credits.

The minimum content requirements as per the 50% duration of the programme has been completed and all the 4-quadrants content is made available from Sem 1 to 4 for UG programmes and from Sem1 to 2 for the PG programmes.

The VEC panel suggestions are also incorporated in the content as a measure of improvement.

Annexure 6: The content details as per the 4 quadrants is provided in the file /link as due submission along with the undertaking from the university for the same.

Annexure 6 (Content links as per 4 quadrants for all the programmes shared in the document/drive)

<https://drive.google.com/drive/u/1/folders/1euQb0F1z7YDsPF2G3zRqsYmfRHw JB R>

This supports the compliance mandate.


REGISTRAR
SRINIVAS UNIVERSITY
MANGALORE





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III. Specific Observation of VEC -Report received from UGC- DEB on 23rd Feb, 2026

1. Act of the HEI for offering online programme is not submitted.

Submission:

Srinivas University stands Compliant to this requirement, and the following reasons and documentary proofs are submitted in support of it.

(a) The HEI-Srinivas University Act (2013) permits the offering of online programmes under the following clauses:

Point 7(i), 7(vi), Point 8(ii), 8(xv), 8(xvii), 8(xxi) - Attaching the copy of the Act having these provisions.

Annexure 1 (Proof attached- Srinivas University Act (2013)-Relevant provisions highlighted)

(b) There are three state private Universities in Karnataka, which are already offering online mode programmes, duly approved by UGC-DEB.

Dayanand Sagar University (2012) and Adichunchanagiri University (2012) have provisions under their Act like Srinivas University Act (2013) only.

Attaching the copy of the Act of the referred Universities and its provisions mentioned under Point 7(i), 7(vi), Point 8(ii), 8(xv), 8 (xvii), 8(xxi)

On this **precedence**, Srinivas University will also be compliant with the same HEI act having the required provisions in it.

Annexure 2 (Proof attached- Adichunchanagiri University Act (2012) and Dayanand Sagar University Act (2012) - Same provisions as of Annexure- 1 is highlighted)

(c) The objects of the University Act under point 7(vi) clearly permits the university to offer online mode which is in total alignment to the definition of online mode as per the ODL OL Regulations 2020.Reference -Page 58, Part III- Sec 4 under definitions point (u)

Annexure 3. (Proof attached- Extract from Srinivas University Act (2013) and UGC ODL OL Regulations 2020 -Relevant points highlighted)


Registrar

REGISTRAR
SRINIVAS UNIVERSITY

MANGALORE





**KARNATAKA ACT NO. 42 OF 2013
THE SRINIVAS UNIVERSITY ACT, 2013**

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STATEMENT OF OBJECTS AND REASONS

Act No.42 of 2013.- A. Shama Rao Foundation (R), Mangalore has come forward to establish private University in the State. The establishment of a private university by a well-known organization would certainly help in spreading the quality education to the needy students. This also accelerates the enhancement of gross enrolment ratio in the higher education sector which presently stands at 11.5% only in Karnataka.

Keeping in view the above, it is considered necessary to provide for establishment of a private University in the name Srinivas University by the A. Shama Rao Foundation (R), Mangalore.

This private university focuses on teaching, training, research and development in the fields of Technical, Health, Management, life sciences and allied sectors and for the matters connected therewith or incidental thereto.

Hence, the Bill.

[L.C. Bill No.13 of 2013, File No. Samvyashae 26 Shasana 2013]

[Entry 25 of List III of the Seventh Schedule to the Constitution of India.]



KARNATAKA ACT NO. 42 OF 2013

(First Published in the Karnataka Gazette Extra-ordinary on the twenty fifth day of March, 2013)

THE SRINIVAS UNIVERSITY ACT, 2013

(Received the assent of the Governor on the Twenty Second day of March, 2013)

An Act to establish and incorporate in the State of Karnataka a University of unitary nature in private sector by the A. Shama Rao Foundation (R), Mangalore to promote and undertake the advancement of applied University education in General, Technical, Health, Management, Life Sciences and allied sectors and for the matters connected therewith or incidental thereto.

Whereas it is expedient to establish and incorporate in the State of Karnataka a University of unitary nature in private sector by the A. Shama Rao Foundation (R), Mangalore to promote and undertake the advancement of applied University Education in Technical, Health, Management, life sciences and allied sectors and for the matters connected therewith or incidental thereto for the purposes hereinafter appearing;

Be it enacted by the Karnataka State Legislature in the sixty fourth year of the Republic of India as follows:-

CHAPTER - I PRELIMINARY

1. Short title, extent and commencement:-(1) This Act may be called the Srinivas University Act, 2013.

(2) It extends to the whole of the State of Karnataka.

(3) It shall come into force on such ¹[date]¹ as the State Government may, by notification, in the official Gazette, appoint.

¹ The Act came into force on 23.02.2017 vide notification No. ED 370 URC 2016, Dated: 23.02.2017

2. Definitions:-In this Act, unless the context otherwise requires,-

(a) “Academic Council” means the Academic Council of the University as specified in section 25;

(b) “Agenda Matters” means all the matters and businesses to be designated in the Statutes each of which can be either included in the Agenda or be taken up for discussion and decision at a meeting of the Board of Governors or the Board of Management or any Committees, as the case may be, only subject to the prior written approval of the Chancellor, consenting to the passing of such matters and businesses at such a meeting;



(c) “Board of Governors” means the Board of Governors of the University as specified in Section 23;

(d) “Board of Management” means the Board of Management of the University as specified in Section 24;

(e) “Chancellor”, “Vice-Chancellor”, “Pro Vice-Chancellor” means respectively the Chancellor, Vice Chancellor and Pro Vice Chancellor of the University;

(f) “Campus” means a campus established, maintained by the University wherever situated;

(g) “Committees” means the committees formed under this Act or by the various functionaries of the University as the case may be and includes the Nomination Committee, the Finance Committee and such other committees;

(h) “Constituent College” means a college or institution established and maintained by the University;

(i) “Finance Committee” means the Finance Committee of the University as specified in Section 27;

(j) “Government” means the Government of Karnataka;

(k) “National Accreditation bodies” means a body established by the Central Government for laying down norms and conditions for ensuring academic standards of higher education, such as University Grants Commission, All India Council of Technical Education, National Council of Teacher Education, Medical and Dental Councils of India, Pharmaceutical Council of India, National Council of Assessment and Accreditation, Indian Council of Agriculture Research, Council of Scientific and Industrial Research etc. and includes the Government;

(l) “Prescribed” means prescribed by rules made by the Government under this Act;

(m) “Principal in relation to a Constituent College” means the head of the Constituent College and includes, where there is no Principal or in the absence of a Principal appointed, the Vice-Principal or any other person for the time being appointed to act as Principal;

(n) “Registrar” means the Registrar of the University;

(o) “Regional Centre” means a centre established or maintained by the University for the purpose of co-ordinating and supervising the work of Study Centres in any region and for performing such other functions as may be conferred on such centre by the Board of Management;



(p) "Sponsoring Authority" or "Sponsoring Body" in relation to this Act means Sponsoring Trust;

(q) "Sponsoring Trust" means A. Shama Rao Foundation (R), Mangalore, registered under the Indian Trust Act, 1982.

(r) "State" means State of Karnataka;

(s) "Statutes" and "Regulations" means respectively the Statutes and Regulations of the University made under this Act;

(t) "Study Centre" means a centre established and maintained by the University for the purpose of advising, counseling or for rendering any other assistance required by the students in the context of the education;

(u) "Teacher" means and includes a Professor, Associate Professor, Assistant Professor, Reader or Lecturer or such other person as may be appointed for imparting instruction or conducting or to guide research in the University or in a Constituent College and includes the Principal of Constituent College in conformity with the norms prescribed by the University Grants Commission;

(v) "University" means Srinivas University established and incorporated under this Act;

(w) "University Grants Commission" means the Commission established under section 4 of the University Grants Commission Act, 1956 (Central Act 3 of 1956);

(x) "Visitor" means the visitor of the University as specified in section 13.

CHAPTER - II

THE UNIVERSITY AND SPONSORING BODY

3. Proposal for the establishment of the University:- (1) Sponsoring Trust shall have the right to establish the University of unitary nature subject to and in accordance with the provisions of this Act.

(2) The proposal to establish a University shall be made to the State Government by Sponsoring Trust.

(3) The proposal shall contain the following particulars, namely:-

(i) the objects of the University along with the details of Sponsoring Trust;

(ii) the extent and status of the University and the availability of land;

(iii) the nature and type of programmes of study and research to be undertaken by the University during a period of five academic years immediately following the commencement date;

(iv) the nature of faculties, courses of study and research proposed to be started;



(v) the campus development such as buildings, equipment and structural amenities;

(vi) the phased outlays of capital expenditure for a period of five academic years immediately following the commencement date;

(vii) the item-wise recurring expenditure, sources of finance and estimated expenditure for each student;

(viii) the scheme for mobilizing resources and the cost of capital thereto and the manner of repayments to each source;

(ix) the scheme of generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy and other activities relating to the objects of the University and other anticipated incomes;

(x) the details of expenditure on unit cost, the extent of concessions or rebates in fee, free ship and scholarship for students belonging to economically weaker sections and the fee structure indicating varying rate of fee, if any, that would be levied on students who are either non resident Indians or persons of Indian origin or sponsored by non resident Indians or persons of Indian origin and students of nationalities other than India;

(xi) the years of experience and expertise in the concerned discipline at the command of Sponsoring Trust; as well as the financial resources;

(xii) the system for selection of students to the courses of study at the University; and

(xiii) status of fulfillment of such other conditions as may be required by the State Government to be fulfilled before the establishment of the University.

(4) A Screening Committee shall be constituted by the State Government consisting of three members who are Ex-officio members of Karnataka State Higher Education Council to examine the proposal received from the Sponsoring Trust which has recommendations to the State Government for establishment of the University.

4. Establishment of the University:- (1) Where the State Government, after considering the recommendations of the screening Committee and holding such inquiry as it may deem necessary, is satisfied that-

(i) the Trust has ability to run an University with sufficient infrastructure.

(ii) owns a land to the extent specified below in accordance with its location namely:-

(a) twenty five acres of land if it is within limits of Bruhat Bangalore Mahanagara Palike;



- (b) forty acres of land if it is out side the limits of Bruhat Bangalore Mahanagara Palike but within Bangalore Metropolitan Region Development Authority area;
- (c) not less than sixty acres of land in the places other than the places specified in Clauses (a) and (b).

The land specified above shall consist of a single block and it shall be in the name of the concerned Trust / foundation / institution / university itself. Based on the furnished particulars required in sub-section (3) of section 3, the Government may direct the Trust to establish the permanent Statutory Endowment Fund as specified in section 47.

(2) After the establishment of the Permanent Statutory Endowment Fund, the State Government may, by notification, in the official Gazette, accord sanction for establishment of the University of unitary nature in the State by the name of "Srinivas University".

(3) The headquarters of the University shall be at Mangalore. The University shall have Campuses or Regional Centres, Study Centres anywhere in Karnataka and subject to the prior permission of the State Government and as per UGC norms.

(4) The First Chancellor, the First Vice-Chancellor, First members of the Board of Governors, First members of the Board of Management and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, shall constitute a body corporate and can sue and be sued in the name of the University.

(5) On sanction for the establishment of the University under sub-section (2), the land and other movable and immovable properties acquired, created, arranged or built by Sponsoring Trust for the purpose of the University shall vest in the University.

(6) In all suits and other legal proceedings by or against the University, the pleading shall be signed and verified by, and all processes in such suits and proceedings shall be issued to and be served on the Registrar.

(7) The land, building and other properties of the University shall not be used for any purpose other than incidental to the objects of the University.

5. Grants and Financial Assistance:- The University shall be self-financing and shall neither make a demand nor shall be entitled to any maintenance grant-in-aid or any other financial assistance from the State or any other body or corporation owned or controlled by the State:

Provided that the State may, provide financial support through grants or otherwise,-

(a) for research, development and other activities for which other State Government organizations are provided financial assistance; or



(b) for any specific research or programmes receiving support from the State Government and

(c) provided to or the benefit of the similar Universities in the State whether subject to a change in State Policy or otherwise;

Provided further that the university may receive any financial support from any other source.

6. Power to establish constituent College, additional campuses, Regional Centres or Study Centres:- The University may have Constituent Colleges, Regional Centres, additional campuses and Study Centres at such places in the State as it deems fit after the completion of five years after its establishment with prior approval of the State Government subject to norms of UGC and other National Accreditation bodies.

7. Objects of the University:-The University shall employ a broad range of strategies to achieve its vision and objectives,-

(i) to support, promote and undertake advancement of and innovation in University education leading up to and including post graduate, doctoral and post doctoral courses in the Technical, Health, Management, Life sciences and allied sectors and make provisions for research, advancement and dissemination of knowledge including consultancy in these fields;

(ii) to collaborate with any other universities, research institutions, non-profit organizations, industry associations, professional associations or other organizations, to conceptualize, design, develop and offer specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;

(iii) to undertake collaborative research and advocacy with any organizations with prior approval of the State Government;

(iv) to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and in particular, to make special provisions for integrated courses in Technical, Health, Management, Life sciences and other such Higher Educational Programmes of the University and to make appropriate measures for promoting interdisciplinary studies and research;

(v) to develop human resources to meet the demands of high end technical and professional industries with research on future sustainable technologies catering to engineering solutions and support technology business and technology incubation;

(vi) to provide innovative system of University level education, flexible and open with regard to methods and places of learning, combination of courses eligibility for enrolment, age of entry, conduct of examinations and operation of programmes with a view to



promoting access and equity in higher learning besides encouraging excellence in new fields of knowledge and placing special emphasis on both academic as well as application oriented learning;

(vii) to develop resource centres to contribute to quality education with prior approval of State Government;

(viii) to establish Campuses, Regional centres, study centres and constituent Colleges at various locations in Karnataka and to contribute and develop an understanding of educational change in technical, professional, general education and social and human development with prior approval of Government;

(ix) to institute degrees, diplomas, certificates and other academic distinctions like award of credits on the basis of successful completion of academic work evaluated through multiple modern methods of assessment;

(x) to disseminate knowledge and develop a public debate on issues of education and allied development fields through seminars, conferences, executive education programmes, community development programmes, publications and training programmes and events;

(xi) to undertake programmes for development and training of faculty and researchers of the University in partnership with any other university of quality with prior approval of the State Government;

(xii) to undertake necessary or expedient action to pursue and promote the objectives of the University;

(xiii) to pursue any objectives as may be approved by the Government for the enhancement of education and other development sectors in India.

8. Powers of the University:-The University shall have the following powers, namely:-

(i) to establish and maintain such Campuses, Regional Centres and Study Centres in Karnataka as may be determined by the University from time to time in the manner laid down by the Statutes with prior approval of the Government and as per UGC norms;

(ii) to carry out all such other activities as may be necessary or feasible in furtherance of the object of the University;

(iii) to confer degrees or other academic distinctions in the manner and under conditions laid down in the Statutes;

(iv) to institute and award fellowships, scholarships and prizes, awards, medals etc., in accordance with the Statutes;



(v) to demand and receive such fees, bills, invoices and collect charges as may be fixed by the Statutes or rules, as the case may be;

(vi) to make provisions for extracurricular activities for students and employees;

(vii) to make appointments of the Faculty, officers and employees of the University or a Constituent College, Campuses, Regional Centres, Study Centres;

(viii) to receive voluntary donations and gifts of any kind not prohibited by any Law for the time being in force and to acquire, hold, manage, maintain and dispose of any movable or immovable property, including Trust and endowment properties for the purpose of the University or a Constituent College or a Campus, Regional Centre, Study Centre;

(ix) to institute and maintain hostels and to recognize places of residence for students of the University or a Constituent College;

(x) to supervise and control the residence and to regulate the discipline among the students and all categories of employees and to lay down the conditions of service of such employees, including the Code of Conduct for the students and employees;

(xi) to create academic, administrative and support staff and other necessary posts;

(xii) to co-operate and collaborate with other Universities in such a manner and for such purposes as the University may determine from time to time;

(xiii) to organize and conduct refresher courses, orientation courses workshops, seminars and other programmes for teachers, lesson writers, evaluators and other academic staff;

(xiv) to determine standards of admission to the University or a Constituent College, Regional Centres, Study Centres with the approval of Academic Council and to make admission of students of Karnataka not less than the extent provided in this Act;

(xv) to do all such other acts or things whether incidental to the powers aforesaid or not, as may be necessary to further the objects of the University;

(xvi) to institute Degrees, Diplomas, Certificates and other academic distinctions on the basis of examination or any other method of evaluation approved by the Government;

(xvii) to provide for the preparation of instructional materials, including films, cassettes, tapes, video cassettes, CD, VCD and other software and other relevant electronic and print media;

(xviii) to raise, collect, subscribe and borrow money with the approval of the Board of Governors whether on the security of the property of the University, for the purposes of the University;



(xix) to acquire, takeover, and run the management of any other educational institution with the prior approval of the State Government;

(xx) to acquire properties with the prior approval of the Board of Management;

(xxi) to undertake any other activities connected with or incidental to above objectives of the University.

9. University open to all classes, castes, creed, gender or nation:-The University admissions shall be open to all persons irrespective of caste, class, creed, gender or nation. All admissions shall be made on the basis of merit in the qualifying examinations:

Provided that forty percent of the admissions in all courses of the university shall be reserved for the students of Karnataka State and admissions shall be made through a Common Entrance Examination conducted by the State Government or its agency and seats shall be allotted as per the merit and reservation policy of the State Government from time to time.

Provided further that, where there are less than ten seats in any course like Post Graduate, they shall be reserved by clubbing such courses together and where there are less than three seats in any course they shall be reserved by rotation.

10. National Accreditation:- The University shall seek accreditation from respective statutory national accreditation bodies soon after its establishment. Further all the courses run by Private Universities shall be as per the regulations of the National Accreditation Bodies.

11. Powers of the Sponsoring Body:- The sponsoring body shall have the following powers with reference to the University, each of which may be exercised by the Sponsoring Body at its discretion, namely:-

- (i) to appoint or re-appoint or terminate the appointment of the Chancellor;
- (ii) to constitute the first Board of Governors of the University;
- (iii) to nominate the chairperson of the Board of Governors;
- (iv) to nominate three persons as members of the Board of Governors;
- (v) to nominate two persons as members of the Board of Management;
- (vi) to determine the source of funds to be contributed to the University Endowment Fund;
- (vii) to determine the application and spending of moneys by the University;
- (viii) to resolve any conflict at the meeting of the Board of Governors in the manner provided for in this Act.



CHAPTER – III

OFFICERS OF THE UNIVERSITY

12. Officers of the University:- The following shall be the officers of the University, namely:-

- (i) The Visitor;
- (ii) The Pro-visitor;
- (iii) The Chancellor;
- (iv) The Vice-Chancellor;
- (v) The Pro Vice-Chancellor;
- (vi) The Registrar;
- (vii) The Finance Officer; and
- (viii) Such other officers as may be declared by the Statutes to be officers of the University.

13. The Visitor:- (1) His Excellency the Governor of Karnataka shall be the Visitor of the University and the visitor may offer suggestions for the improvement of the functioning of the University.

(2) The Visitor shall preside at the convocation of the University for conferring degrees and diplomas.

(3) The Visitor shall have the following powers, namely:-

- (i) to call for any paper or information relating to the affairs of the University;
- (ii) on the basis of the information received by the Visitor and if he is satisfied that any order, proceedings or decision taken by any authority of the University is not in conformity with the Act, Regulations, or Rules, he may issue such directions as he may deem fit in the interest of the University and the directions so issued shall be complied with by all the concerned.

14. The Pro-Visitor:- (1) The Hon'ble Minister for Higher Education, Government of Karnataka shall be the pro-visitor of the University:-

(2) The pro-visitor shall, when the Visitor is absent, preside at the Convocation of the University for conferring degrees and diplomas.

15. The Chancellor:- (1) The Chancellor shall be appointed by the Sponsoring Body.

(2) The founder trustee of the Sponsoring Body shall be the first Chancellor, who shall hold for life or till he demits office.

(3) The subsequent Chancellor shall be either the then Trustee of the Sponsoring Body or such other person of eminence of national figure in the field of education, science,



culture or public life, when such an appointment is being considered, as may be decided by the Sponsoring Body.

(4) The subsequent Chancellor so appointed shall hold the office as determined by the Sponsoring Body.

(5) The Chancellor shall have such powers as may be conferred on him by this Act or the Statutes made there under, which shall include the following powers, namely:-

- (i) to function as the head of the University;
- (ii) to preside at all convocations of the University in absence of visitor and pro-visitor ;
- (iii) to function as a Chairperson of the Board of Governors of the University;
- (iv) to appoint or re-appoint or terminate the appointment of the Vice-Chancellor, in accordance with the provisions of this Act and the Statutes;
- (v) to nominate a person as a member of the Nomination Committee as referred to in sub-section (2) of section 16 of this Act;
- (vi) to preapprove the appointment of the Pro Vice-Chancellor, the Dean, the Registrar and the Finance Officer;
- (vii) to nominate two academicians as members on the Board of Governors;
- (viii) to appoint the first Pro Vice-Chancellor and the Finance Officer;
- (ix) to constitute the first Board of Management, the Finance Committee, the Research Council and the Academic Council;
- (x) to pre-approve the Agenda matters in the manner provided for in the Act;
- (xi) to resolve a conflict (excluding conflicts at a meeting of the Board of Governors) in the manner provided in this Act.

(6) In the event of there being a conflict inter-se between the functionary or body and any other functionary or body of the University, then the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

16. The Vice-Chancellor:- (1) The Vice-Chancellor shall be appointed by the Chancellor for a term of three years subject to other terms and conditions as may be laid down by the Statutes from among three persons recommended by the Nomination Committee constituted in accordance with the provisions of sub-section (2). After the term of three years, it is renewable for another term of three years.



Provided that a Vice-chancellor shall continue to hold the office even after expiry of his term till new Vice-chancellor joins. However, in any case this period shall not exceed one year.

(2) The Nomination Committee referred to in sub-section (1) shall consist of the following persons, namely:-

- (i) One person nominated by the Chancellor;
- (ii) Two nominees of the Board of Governors, one of whom shall be nominated as the Convener of the Committee by the Board of Governors.

(3) The Nomination Committee shall, on the basis of merit, recommend three persons suitable to hold the office of the Vice-Chancellor and forward the same to the Chancellor along with a concise statement showing the academic qualifications and other distinctions of each person.

(4) The Vice-Chancellor shall be the Principal Executive and Academic Officer of the University and shall exercise general supervision and control over the affairs of the University and give effect to the decisions of the authorities of the University.

Provided that, where any matter, other than the appointment of a Teacher is of urgent nature requiring immediate action and the same could not be immediately dealt with by any officer or the authority or other body of the University empowered by or under this Act to deal with it, the Vice-Chancellor may take such action as he may deem fit with the prior written approval of the Chancellor.

(5) The Vice-Chancellor shall exercise such other powers and perform such other duties as may be laid down by the Statutes or the Rules.

Provided that, where in the opinion of the Vice-chancellor, any decision of any authority of the university is outside the powers conferred by this Act or Statutes, Regulations or Rules made there under or is likely to be prejudicial to the interests of the university, he shall request the concerned authority to revise its decision within fifteen days from the date of its decision and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the Chancellor and his decision thereon shall be final.

(6) The services of the Vice-Chancellor can be terminated by the Chancellor with the approval of the Board of Governors after following the principles of natural justice and after providing an opportunity to present his case including for termination on disciplinary grounds.

(7) The Vice-Chancellor shall preside at the convocation of the University in the absence of the Visitor, Pro-Visitor and the Chancellor.



17. The Pro Vice-Chancellor:- The Vice-Chancellor shall appoint not exceeding three pro-vice Chancellors with the written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

18. Deans of faculties:- Deans of faculties shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

19. The Registrar:- (1) The Registrar shall be appointed by the Chancellor in such manner and on such terms and conditions as may be laid down by the Statutes.

(2) All contracts as defined in statutes shall be entered into and signed by the Registrar on behalf of the University.

(3) The Registrar shall have the power to authenticate records on behalf of the University and shall exercise such other powers and perform such other duties as may be conferred by the statutes or may be required from time to time, by the Chancellor or the Vice-Chancellor.

(4) The Registrar shall be responsible for the due custody of the records and the common seal of the University and shall be bound to place before the Chancellor, the Vice-Chancellor or any other authority, all such information and documents as demanded.

20. The Finance Officer:- The Finance Officer shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and he shall exercise such powers and perform such duties as may be laid down by the Statutes.

21. Other Officers:- The manner of appointment, terms and conditions of service and powers and duties of the other officers of the University shall be such as may be specified by Statutes.

CHAPTER – IV

AUTHORITIES OF THE UNIVERSITY

22. Authorities of the University:- The following shall be the authorities of the University, namely:-

- (i) The Board of Governors;
- (ii) The Board of Management;
- (iii) The Academic Council;
- (iv) The Research and Innovation Council;
- (v) The Finance Committee; and
- (vi) Such other authorities as may be declared by the Statutes to be the authorities of the University.



23. The Board of Governors and its powers:- (1) The Board of Governors shall consist of the following, namely:-

- (i) The Chancellor - Chairperson
- (ii) The Vice-Chancellor - Member
- (iii) The Principal Secretary /Secretary to the State Government in the Department of Higher Education or by his nominee not below the rank of Deputy Secretary
- (iv) The Principal Secretary /Secretary to the State Government in the Department of Medical Education or by his nominee not below the rank of Deputy Secretary
- (v) One expert from the field of management, finance or any other specialized, including administration to be nominated by the State Government.
- (vi) Two persons nominated by the Sponsoring Body of whom one shall be woman;
- (vii) The Pro Vice Chancellor who shall be non-voting member;
- (viii) One eminent educationist nominated by the University Grants Commission

(2) The Registrar shall be non-voting member Secretary of the Board of Governors.

(3) The tenure of office of the members of the Board of Governors, appointment of members, other than Government nominees, renewal and removal, etc., shall be such as may be laid down by the Statutes.

(4) All meetings of the Board of Governors shall always be chaired by the Chancellor and in his absence by any one of the nominees of the Chancellor. If Chancellor has not nominated any person to Chair such a meeting, members present in the meeting shall elect the Chairperson for that meeting only from among themselves by a simple majority.

(5) Quorum for all meetings of the Board of Governors shall be three members attending and voting at such meeting.

Provided that the presence of either the Chancellor or one nominee of the Sponsoring Body and in the absence of the Chancellor or one nominee of Sponsoring Body, the Vice Chancellor, shall always be necessary to form the quorum for any meeting of the Board of Governors.

(6) The Board of Governors shall be the Principal Governing Body of the University and shall have the following powers, namely:-

- (i) to appoint the Statutory Auditors of the University;
- (ii) to lay down policies to be pursued by the University;
- (iii) to review decisions of the other authorities of the University if they are not in conformity with the provisions of this Act, or the Statutes or the Rules;



- (iv) to approve the Budget and Annual Report of the University;
- (v) to make new or additional Statutes or amend or repeal the earlier Statutes and Rules;
- (vi) to take decision about voluntary winding up of the University;
- (vii) to approve proposals for submission to the Government;
- (viii) to nominate three members to the Fee Regulation Committee;
- (ix) to take such decisions and steps as are found desirable for effectively carrying out the objects of the University.

(7) The Board of Governor shall, meet at least three times a year.

(8) The Board of Governors shall meet at such time and place as may be specified by Statute.

24. The Board of Management :- (1) The Board of Management shall consist of the following, namely:-

- (i) The Vice Chancellor;
- (ii) The Pro-Vice Chancellors;
- (iii) The Registrar;
- (iv) Two nominees of the Sponsoring Body;
- (v) Two Deans of the faculties as nominated by the Vice Chancellor.

(2) The Vice Chancellor shall be the Chairperson of the Board of Management and the Registrar shall be the Secretary of the Board of Management.

(3) The Board of management shall be the executive body of the University. The powers and functions of the Board of Management shall be such as may be specified by the statutes.

(4) All meetings of the Boards of Management shall always be chaired by the Vice Chancellor and in the absence of the Vice Chancellor, by the nominee of the Sponsoring Body and where the Sponsoring Body has not nominated any nominees, then by any other member as elected by the members present in the meeting.

(5) In the event of a conflict of opinion at a meeting of the Board of Management, the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

25. The Academic Council:-(1) The Academic Council shall consist of the following, namely:-

- | | | | |
|-------|-------------------------|---|-------------|
| (i) | The Vice-Chancellor | - | Chairperson |
| (ii) | The Pro Vice Chancellor | - | Members |
| (iii) | The Registrar | - | Secretary |



(iv) Such other members as may be specified by the Statutes.

(2) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the academic policies of the University.

26. The Research and Innovation Council:- (1) Research and Innovation Council shall be the Principal Research and Innovation Committee of the University and shall provide the larger holistic vision of the kind of research to be undertaken by the University, including prioritization of the research areas. Research and Innovation Council shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the Innovation and Research policies of the University.

(2) The Research and Innovation Council shall consist of the following, namely:-

- | | | |
|--|---|--------------|
| (i) The Vice-Chancellor | - | Chairperson |
| (ii) The Pro Vice Chancellor | - | Member |
| (iii) The Dean of Research | - | Secretary |
| (iv) Head of the Department of Innovation | - | Member |
| (v) Deans of all Faculties | - | Members; and |
| (vi) Such other members as may be specified in the Statutes. | | |

27. The Finance Committee:-(1) The Finance Committee shall consist of the following, namely:-

- | | | |
|--|---|-------------|
| (i) The Chancellor or his Nominee- | - | Chairperson |
| (ii) The Vice-chancellor | - | Member |
| (iii) The Registrar | - | Member |
| (iv) The Finance Officer | - | Secretary |
| (v) One nominee of the Sponsoring Body | - | Member; and |
| (vi) Such other members as may be specified in the statutes. | | |

(2) The Finance Committee shall be the principal financial body of the University to take care of financial matters and shall, subject to the provisions of this Act, Rules and Statutes co-ordinate and exercise general supervision over the financial matters of the University.

28. Other Authorities:- The constitution, powers and functions of the other authorities of the University shall be such as may be specified by the statutes.

29. Disqualification for membership of an Authority or Body: A person shall be disqualified for being a member of any of the authorities of bodies of the University, if he;



- (a) is of unsound mind and stands so declared by a competent court;
- (b) is an undischarged insolvent;
- (c) has been convicted of any offence involving moral turpitude;
- (d) is conducting or engaging himself in private coaching classes; or
- (e) has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere.
- (f) As and when the Sponsoring Body were to form an opinion in writing that a Member of any of the authorities or bodies is unfit to hold the post.

30. Proceedings not invalidated on account of vacancy:- No act or proceedings of any authority of the University shall be invalid merely by reason of the existence of any vacancy or defect in the constitution of the authority.

31. Provisions pertaining to Agenda Matters:- (1) No Agenda Matter shall be either included in the Agenda for or taken up for discussion and decided in, the meeting of the Board of Governors or the Board of Management or any Committees without obtaining the prior written approval of the Chancellor.

(2) In the event of breach, the Chancellor shall be entitled at all time to immediately take remedial action by reversing all decisions taken by any functionary or body of the University in breach of the provisions of the Act and consequent upon the pursuit of such a remedial action all such actions taken by the functionary or body of the University in breach of the provisions of the Act shall be deemed to be null and void, ab initio and consequently the status quo ante shall prevail in respect of the matter or decision in breach.

CHAPTER - V

STATUTES AND REGULATIONS

32. Statutes:- Subject to the provisions of this Act, the Statutes may provide for any matter relating to the University and staff, as given below, namely:-

- (i) the procedure for transaction of business of the Authorities of the University and the composition of bodies not specified in this Act;
- (ii) the operation of the permanent statutory endowment fund, University endowment fund, the general fund and the development fund;
- (iii) the terms and conditions of appointment of the Vice-Chancellor, the Registrar and the Finance Officer and their powers and functions;
- (iv) the mode of recruitment and the terms and conditions of service of the other officers, Teachers and employees of the University;
- (v) the procedure for resolving disputes between the University and its officers, Faculty members, employees and students;



- (vi) creation, abolition or restructuring of departments and faculties;
- (vii) the manner of co-operation with other Universities or institutions of higher learning;
- (viii) the procedure for conferment of honorary degrees;
- (ix) provisions regarding grant of free ships and scholarships;
- (x) policies in respect of seats in different courses of studies and the procedure of admission of students to such courses;
- (xi) policy relating to the fee chargeable from students for various courses of studies;
- (xii) institution of fellowships, scholarships, studentships, free ships, medals and prizes;
- (xiii) any other matters which may be decided by the Board of Governors or required to be provided by statutes under this Act.

33. Statutes how made:- (1) The first statutes framed by the Board of Management shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the First Statutes, submitted by the Board of Management and shall give its approval thereon with such modifications, if any, as it may deem necessary.

(3) The University shall publish the First Statutes, as approved by the Board of Governors in the University Notification, and thereafter, the First Statutes shall come into force from the date of its publication.

34. Power to amend the Statutes:- The Board of Governors may, make new or additional Statutes or amend or repeal the Statutes.

35. Regulations:- Subject to the provisions of this Act, the regulations may provide for all or any of the following matters, namely:-

- (i) admission of students to the University and their enrolment and continuance as such;
- (ii) the courses of study to be laid down for all degrees and other academic distinctions of the University;
- (iii) the award of degrees and other academic distinctions;
- (iv) the conditions of the award of fellowships, scholarships, studentships, medals and prizes;
- (v) the conduct of examinations and the conditions and mode of appointment and duties of examining bodies, examiners invigilators, tabulators and moderators;
- (vi) the fee to be charged for admission to the examinations, degrees and other academic distinctions of the University;



- (vii) the conditions of residence of the students at the University or a Constituent College;
- (viii) maintenance of discipline among the students of the University or a Constituent College;
- (ix) all other matters as may be provided in the Statutes under the Act.

36. Regulations how made:- The Regulations shall be made by the Academic Council and approved by Board of Management.

37. Power to amend Regulations:- The Academic Council may, with the approval of the Board of Management, make new or additional regulations or amend or repeal the regulations.

38. Fee Regulation Committee:- (1) The fee of the university seats reserved for Karnataka Students under section 9 shall be regulated by the Fee Regulation Committee Constituted by the Government, which shall be headed by a retired Supreme Court or High Court Judge and consists of Chancellor, Vice-Chancellor of the University, Principal Secretary or Secretary to Government incharge of Higher Education or by his nominee not below the rank of Deputy Secretary, Principal Secretary or Secretary to Government incharge of Medical Education or by his nominee not below the rank of Deputy Secretary, two Academicians nominated by the Board of Governors of whom one shall be woman. A Chartered Accountant of repute shall be co-opted for this purpose in the Committee.

(2) The Committee shall look after the compliance of the university in its admissions of collection of fee.

CHAPTER – VI MISCELLANEOUS

39. Conditions of service of employees:- (1) Every employee shall be appointed under a written contract subject to such terms and conditions as may be specified by statutes and regulations or prescribed if any by rules which shall be kept in the University and a copy of which shall be furnished to the employee concerned.

(2) Disciplinary action against the employees shall be governed by the procedure specified in the Statutes.

(3) Any dispute arising out of the contract between the University and an employee shall, be resolved in the manner provided for in the written contract and in accordance with the Statutes.

40. Right to appeal:- In case of disciplinary actions by the University against its employee or student, the aggrieved employee or students shall have a right to appeal as specified by the statutes.



41. Provident or pension fund:- The University shall constitute for the benefit of its employees such provident or pension fund and provide such insurance scheme as it may deem fit in such manner and subject to such conditions as may be specified by the statutes and the laws in force.

42. Disputes as to constitution of University authorities and bodies:- If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be a member of any authority or other body of the University, the matter shall be referred to the Chancellor whose decision thereon shall be final.

43. Constitution of Committees:- Any authority of the University mentioned in section 22, shall be empowered to constitute a committee of such authority, consisting of such members of such authority and having such powers as the authority may deem fit.

44. Filling of casual vacancies:- Any casual vacancy among the members, other than ex-officio members of any Authority or body of the University shall be filled in the same manner in which the member whose vacancy is to be filled up, was chosen, and the person filling the vacancy shall be a member of such authority or body for the residual term for which the person in whose place he would have been a member.

45. Protection of action taken in good faith:- No suit or other legal proceedings shall lie against any officer or other employee of the University for anything, which is done in good faith or intended to be done in pursuance of the provisions of this Act, the Statutes or the Rules.

46. Transitional provisions:- Notwithstanding anything contained in any other provisions of this Act and the Statutes,-

(i) the first Vice-Chancellor and Pro-Vice-Chancellor, if any shall be appointed by the Chancellor;

(ii) the first Registrar and the first Finance Officer shall be appointed by the Chancellor; and

(iii) the first Board of Management, the first Finance Committee, Planning Board, the first Innovation and Research Council and the first Academic Council shall be constituted by the Chancellor.

47. Permanent Statutory Endowment Fund:- (1) The University shall establish a Permanent Statutory Endowment Fund of at least rupees twenty five crores out of which at least fifteen crores shall be in cash and remaining in the form of Bank guarantee which may be increased suo moto but shall not be decreased.



Provided that in case of a University outside Bangalore or Bangalore Rural District at least ten crores must be in form of cash and the remaining five crores shall be in form of Bank Guarantee.

(2) The University shall have power to invest the permanent Statutory Endowment Fund in such manner as may be prescribed by the statutes.

(3) The University may transfer any amount from the General Fund or the Development Fund to the permanent Statutory Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies be transferred from permanent Statutory Endowment Fund for other purposes.

(4) Seventy five percent of the incomes received from permanent Statutory Endowment Fund shall be used for the purpose of development or general work of the University. The remaining twenty five percent shall be reinvested in the permanent Statutory Endowment Fund.

48. University Endowment Fund:- (1) The University shall establish a University Endowment Fund having such funds as may be determined by the Sponsoring Body which can include donations and other fund received from time to time.

(2) The University shall have the power to invest the University Endowment Fund in a manner as may be specified by the Statutes.

(3) The University Endowment Fund is a self-imposed fund that the University desires to maintain voluntarily and invest it responsibly to protect itself from financial challenges that may arise on account of pursuing social objectives and/or unforeseen circumstance.

(4) The University may transfer any amount from the General Fund or the development fund to the University Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies be transferred from the University Endowment Fund for other purposes.

(5) Eighty percent of the incomes received from the University Endowment Fund shall be used for the purposes of development or general work of the University. The remaining twenty percent shall be reinvested into the University Endowment Fund.

49. General Fund:-(1) The University shall establish a General Fund to which the following amount shall be credited, namely:-

- (i) all fees which may be charged by the University;
- (ii) all sums received from any other source not prohibited by any law for the time being in force;
- (iii) all contributions made by the University;



(iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force.

(2) The funds credited to the General Fund shall be applied to meet all the recurring expenditure of the University.

50. Development fund:- (1) The University shall establish a Development Fund to which the following funds shall be credited, namely:-

- (i) development fees which may be charged from students;
- (ii) all sums received from any other source for the purposes of the development of the University;
- (iii) all contributions made to the University;
- (iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force; and
- (v) all incomes received from the Permanent Statutory Endowment Fund.

(2) The funds credited to the Development Fund from time to time shall be utilized for the development of the University.

51. Maintenance of funds:- The funds established under sections 47, 48, 49 and 50 shall, subject to general supervision and control of the Board of Governors, be regulated and maintained in such manner as may be prescribed.

52. Annual Report:- (1) The annual report of the University shall be prepared under the direction of the Board of Management and shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the annual report in its meeting and may approve the same with or without modification.

(3) A copy of the annual report duly approved by the Board of Governors shall be sent to the Visitor and the State Government before 31st December following close of the financial year in 31st March of each year.

53. Account and audit:- (1) The annual accounts and balance sheet of the University shall be prepared under the direction of the Board of Management and all funds accruing to or received by the University from all source and all amount disbursed or paid shall be entered in the account maintained by the University.

(2) The annual accounts of the University shall be audited by an auditor, who is a member of the Institute of Chartered Accountants of India, every year.

(3) A copy of the annual accounts and the balance sheet together with the audit report shall be submitted to the Board of Governors before 30th November following close of the financial year in 31 March of each year.



(4) The annual accounts, the balance sheet and the audit report shall be considered by the Board of Governors at its meeting and the Board of Governors, shall forward the same to the visitor and the Government along with its observation thereon or before 31st December of each year.

(5) In the event of any material alteration in the Report of the Auditors, the State Government may issue directions to the University, and to rectify the alterations and such directions shall be binding on the University.

54. Mode of proof of University record:- A copy of any receipt, application, notice, order, proceeding or resolution of any authority or committee of the University or other documents in possession of the University or any entry in any register duly maintained by the University, if certified by the Registrar, shall be received as prima facie evidence of such receipt, application, notice, order, proceeding, resolution or document or the existence of entry in the register and shall be admitted as evidence of the matters and transaction therein recorded where the original thereof would, if produced, have been admissible in evidence.

55. Power of State Government to issue directions:- The State Government may give such directions to the University as in its opinion are necessary or expedient for carrying out the purposes of this Act or to give effect to any of the provisions contained therein or of any rules or orders made thereunder and the Board of Governor or the Board of management, as the case may be, of the University shall comply with every such direction.

56. Penalties:- (1) Whoever contravenes the provisions of this Act or the rules made thereunder or any examination matters or in matters relating to award of degrees or in giving marks cards shall on conviction be punishable with fine of rupees fifty thousand which may extend to ten lakhs rupees or with an imprisonment for a term of six months which may extend to two years or with both.

Provided that, where the University is also involved in committing the offence the permission letter granted under this Act to commence the University shall be withdrawn.

(2) A penalty under this section may be imposed without prejudice to the penalty specified in any other Act.

57. Power to Enter and Inspect - Any officer not below the rank of Group 'A' officer authorized by the State Government in this behalf, shall, subject to such conditions as may be specified therein under the Karnataka Educational Institutions (Prohibition of Capitation Fee) Act, 1984 (Karnataka Act 37 of 1984) shall be deemed to be the officer authorized to



exercise the same powers and discharge the same functions as provided under section 9 of that Act for the purposes of this Act.

58. Power to give direction for dissolution of the University:- (1) If the University proposes dissolution in accordance with the law governing its constitution or incorporation, it shall give at least six months prior notice in writing to the Government.

(2) The Karnataka State Higher Education Council shall conduct Inspection of University once in two years regarding;-

- (i) Standard of Instructions for grant of degree;
- (ii) Quality of Education;
- (iii) Avoidance of commercialisation of Higher Education;
- (iv) contravention of the provisions of the Act if any;

-and send report to the Government.

(3) On identification of mismanagement, maladministration and indiscipline, the Government shall issue directions to the management of the University to set right the administration. If the direction is not followed within such time as may be prescribed, the right to take decision for winding up of the University or any course thereof shall vest with the Government.

(4) The manner of winding up of the University or any course thereof shall be such as may be prescribed by the Government in this behalf.

Provided that no such action shall be initiated without affording a reasonable opportunity to show cause to the University

(5) On receipt of the notice referred to in sub-section (1), the Government shall, in consultation with the relevant Regulatory Authority make such arrangements for the administration of the University for the rest of the period of from the proposed date of dissolution of the University or winding up of the course and until the last batch of students in regular courses of studies of the University complete their courses of studies in such manner as may be specified by the Statues.

59. Expenditure of the University during dissolution:-(1) The expenditure of administration of the University during taking over period of its management under sub-section (5) of section 58 shall be met out of the Permanent Statutory Endowment Fund, the General Fund or the Development Fund in such manner as may be prescribed.

(2) If the fund referred to in section 47, 48, 49 and 50 are not sufficient to meet the expenditure of the University during the taking over period of its management, such expenditure may be met by disposing of the properties or asset of the University, by the Government.



(3) Where the dissolution of the University is due to mismanagement or maladministration, the Government is at liberty to identify the persons responsible for such mismanagement or maladministration and to impose penalty as it deems fit.

60. Removal of difficulties:- (1) If any difficulty arises in giving effect to the provisions of this Act, the State Government may, by a notification or by order, make such provisions, which are not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient, for removing the difficulty:

Provided that, no notification or order under this section shall be made after the expiry of a period of five years from the date of commencement of this Act.

(2) Every Order made under sub-section (1), shall, as soon as may be after it is made, be laid before the State Legislature.

61. Power to make rules by the State Government:- (1) The State Government may make rules, by notification, to carryout the purposes of this Act.

(2) Every rule made under this Act shall be laid as soon as may be after it is made before each House of the State Legislature while it is in session for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

The above translation of ಶ್ರೀನಿವಾಸ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2013 (2013ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ: 42) be published in the Official Gazette under clause (3) of Article 348 of the Constitution of India.

H.R. BHARDWAJ

GOVERNOR OF KARNATAKA

By Order and in the name of the Governor of
Karnataka

K. DWARAKANATH BABU

Secretary to Government (I/c),
Department of Parliamentary
Affairs and Legislation



ಸಂಖ್ಯೆ: ಇಡಿ 370 ಯುಆರ್‌ಸಿ 2016

ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ,
ಬಹುಮಹಡಿ ಕಟ್ಟಡ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ:23ನೇ ಫೆಬ್ರವರಿ 2017

ಅಧಿಸೂಚನೆ

ಶ್ರೀನಿವಾಸ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2013 (2013ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ: 42) ರ 1ನೇ ಪ್ರಕರಣದ (3)ನೇ ಉಪ-ಪ್ರಕರಣದಡಿ ಪ್ರದತ್ತವಾದ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಈ ಮೂಲಕ ಸದರಿ ಅಧಿನಿಯಮವು ದಿನಾಂಕ:23ನೇ ಫೆಬ್ರವರಿ 2017 ರಿಂದ ಜಾರಿಗೆ ಬರತಕ್ಕದ್ದೆಂದು ಗೊತ್ತುಪಡಿಸುತ್ತದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ

(ಎಂ.ಎ. ಅಹಮದ್ ಜಾನ್)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ (ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು-2)





ADICHUNCHANAGIRI UNIVERSITY ACT, 2012

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STATEMENT OF OBJECTS AND REASONS

Act 18 of 2013.- Sri Adichunchanagiri Shikshana Trust, Mandya District have come forward to establish private University in the State. The establishment of a private university by a well-known organization would certainly help in spreading the quality education to the needy students. This also accelerates the enhancement of gross enrolment ratio in the higher education sector, which presently stands at 11.5 percent in Karnataka.

Keeping in view the above, it is considered necessary to provide for establishment of Adichunchanagiri University.

This private university focuses on teaching, training, research and development in the fields of Engineering and Technology, Health Sciences, Agricultural Sciences and Technology, Management and Technology, Natural Sciences, Humanities and Social Sciences and allied sectors and other disciplines and allied sectors and for the matters connected therewith or incidental thereto.

Hence, the Bill.

[L.A. Bill No. 48 of 2012, File No. Samvyashae 79 Shasana 2012]

[Entry 25 of List III of the Seventh Schedule to the Constitution of India.]

II

Act 13 of 2019.- It is considered necessary to amend the Adichunchanagiri University Act, 2012 (Karnataka Act 18 of 2013) to,-

- (i) increase the number of nominated persons by the Sponsoring Body from two to three;
- (ii) include two academicians nominated by the Chancellor as members to the Board of Governors.

Hence the Bill.

[L.A. Bill No.07 of 2019, File No. Samvyashae 08 Shasana 2019]

[entry 25 of List III of the Seventh Schedule to the Constitution of India.]



KARNATAKA ACT NO. 18 OF 2013

(First Published in the Karnataka Gazette Extra-ordinary on the Eighth day of February of February, 2013)

ADICHUNCHANAGIRI UNIVERSITY ACT, 2012

(Received the assent of the Governor on the Fifth day of February, 2013)

(As amended by Act 13 of 2019)

An Act to establish and incorporate in the State of Karnataka a University of unitary nature in Private Sector to promote and undertake the advancement of University Education in Engineering and Technology, Health Sciences, Agricultural Sciences and Technology, Management and Technology, Natural Sciences, Humanities and Social Sciences and allied sectors and for the matters connected therewith or incidental thereto.

Whereas it is expedient to establish and incorporate in the State of Karnataka a University of unitary nature in private sector to promote and undertake the advancement of University Education in Engineering and Technology, Health Sciences, Agricultural Sciences and Technology, Management and Technology, Natural Sciences, Humanities and Social Sciences and allied sectors and for the matters connected therewith or incidental thereto for the purposes hereinafter appearing;

Be it enacted by the Karnataka State Legislature in the sixty third year of the Republic of India as follows:-

CHAPTER – I

PRELIMINARY

1. Short title, extent and commencement.- (1) This Act may be called Adichunchanagiri University Act, 2012.

(2) It extends to the whole of the State of Karnataka

(3) It shall come into force on such date as the State Government may, by notification in the official Gazette, appoint.

2. Definitions.- In this Act, unless the context otherwise requires,-

(a) "Academic Council" means the Academic Council of the University as specified in section 25;

(b) "Agenda Matters" means all the matters and business to be designated in the Statutes each of which can be either included in the Agenda or be taken up for discussion and decision at a meeting of the Board of Governors or the Board of Management or any Committees, as the case may be, only subject



to the prior written approval of the Chancellor, consenting to the passing of such matters and business at such a meeting;

- (c) "Board of Governors" means the Board of Governors of the University as constituted under section 23;
- (d) "Board of Management" means the Board of Management of the University as constituted under section 24;
- (e) "Chancellor", "Vice-Chancellor", "Pro Vice-Chancellor" means respectively the Chancellor, Vice Chancellor and Pro Vice Chancellor of the University;
- (f) "Campus" means a campus established, maintained by the University;
- (g) "Committees" means the committees formed under this Act or by the various functionaries of the University as the case may be and includes the Nomination Committee, the Finance Committee, and such other committees;
- (h) "Constituent College" means a college or institution established and maintained by the University;
- (i) "Finance Committee" means the Finance Committee of the University as constituted under section 27;
- (j) "Government" means the Government of Karnataka;
- (k) "National Accreditation Bodies" means a body established by the Central Government for laying down norms and conditions for ensuring academic standards of higher education, such as University Grants Commission, All India Council of Technical Education, Medical Council of India, Pharmaceutical Council of India, Indian Council of Agriculture Research, National Assessment and Accreditation Council, National Council of Teacher Education, Distance Education Council, Council of Scientific and Industrial Research, and includes the Government;
- (l) "Prescribed" means prescribed by rules made by the Government under this Act.
- (m) "Principal in relation to a Constituent College" means the head of the Constituent College and includes, where there is no Principal or in the absence of a Principal appointed, the Vice-Principal or any other person for the time being appointed to act as Principal;
- (n) "Registrar" means the Registrar of the University;
- (o) "Regional Centre" means a centre established or maintained by the University for the purpose of coordinating and supervising the work of Study Centres in any region and for performing such other functions as may be conferred on such centre by the Board of Management;



- (p) "Trust" means Adichunchanagiri Shikshana Trust, which is a registered Trust and is the sponsoring body.
- (q) "Sponsoring Authority" or "sponsoring body" in relation to this Act means the Trust;
- (r) "State" means State of Karnataka;
- (s) "Statutes" and "Regulations" means respectively, the Statutes and Regulations of the university made under this Act;
- (t) "Study centre" means a centre established and maintained by the university for the purpose of advising, counseling or for rendering any other assistance required by the students;
- (u) "Teacher" means and includes a Professor, Associate Professor, Assistant Professor, or such other person as may be appointed for imparting instruction or conducting or to guide research in the University or in a Constituent College and includes the Principal of Constituent College in conformity with the norms specified by the 'University Grants Commission';
- (v) "University Grants Commission" means the Commission established under section 4 of the University Grants Commission Act, 1956 (Central Act 3 of 1956);
- (w) "University" means Adichunchanagiri University, established and incorporated under this Act;
- (x) "Visitor" means the visitor of the University as specified in section 13.

CHAPTER - II

THE UNIVERSITY AND SPONSORING BODY

3. Proposal for the establishment of the University.- (1) The Trust shall have the right to establish the University of unitary nature subject to and in accordance with the provisions of this Act.

(2) The proposal to establish a University shall be made to the State Government by the Trust.

(3) The proposal shall consist of the following particulars, namely:-

- (i) the objects of the University along with the details of the Trust;
- (ii) the extent and status of the University and the availability of land;
- (iii) the nature and type of programmes of study and research to be undertaken by the University during a period of five academic years immediately following the commencement date;
- (iv) the nature of faculties, courses of study and research proposed to be started;



- (v) the campus development such as buildings, equipment and structural amenities;
- (vi) the phased outlays of capital expenditure for a period of five academic years immediately following the commencement date;
- (vii) the item-wise recurring expenditure, sources of finance and estimated expenditure for each student;
- (viii) the scheme for mobilizing resources and the cost of capital thereto and the manner of repayments to each source;
- (ix) the scheme of generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy and other activities relating to the objects of the University and other anticipated incomes;
- (x) the details of expenditure on unit cost, the extent of concessions or rebates in fee, freeship and scholarship for students belonging to economically weaker sections and the fee structure indicating varying rate of fee, if any, that would be levied on students who are either non resident Indians or persons of Indian origin or sponsored by non resident Indians or persons of Indian origin and students of nationalities other than India;
- (xi) the years of experience and expertise in the concerned discipline at the command of the Trust as well as the financial resources;
- (xii) the system for selection of students to the courses of study at the University; and
- (xiii) status of fulfillment of such other conditions as may be required by the State Government to be fulfilled before the establishment of the University.

(4) A Screening Committee shall be constituted by the State Government consisting of three member who are Ex-officio members of Karnataka State Higher Education Council to examine the proposals received, which shall make recommendations to the State Government.

4. Establishment of the University.- (1) Where the State Government, after considering the recommendations of the screening Committee and holding such inquiry as it may deem necessary, is satisfied that,-

- (i) the Trust has ability to run an University with sufficient infrastructure.
- (ii) owns a land to the extent specified below in accordance with its location, namely:-
 - (a) twenty five acres of land if it is within limits of Bruhat Bangalore Mahanagara Palike;



- (b) forty acres of land if it is out side the limits of Bruhat Bangalore Mahanagara Palike but within Bangalore Metropolitan Region Development Authority area;
- (c) not less than sixty acres of land in the places other than the places specified in clauses (a) and (b).

The land specified above shall consist of a single block and it shall be in the name of concerned Trust/foundation/institution/ university itself. Based on the furnished particulars required in sub-section (3) of section 3, the Government may direct the Trust to establish the permanent Statutory Endowment Fund as specified in section 47.

(2) After the establishment of the Permanent Statutory Endowment Fund, the Government may, by notification, in the official Gazette, accord sanction for establishment of the University of unitary nature in the State by the name of "Adichunchanagiri University".

(3) The headquarters of the University shall be at Mandya District. The University shall have Campuses or Regional Centres, Study Centres anywhere in Karnataka and subject to the prior permission of the State Government and as per UGC norms.

(4) The First Chancellor, the First Vice-Chancellor, First members of the Board of Governors, First members of the Board of Management and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, shall constitute a body corporate and can sue and be sued in the name of the-University.

(5) On sanction for the establishment of the University under sub-section (2), the land and other movable and immovable properties acquired, created, arranged or built by the Trust for the purpose of the University shall vest in the University.

(6) In all suits and other legal proceedings by or against the University, the pleading shall be signed and verified by and all processes in such suits and proceedings shall be issued to and be served on the Registrar.

(7) The land, building and other properties of the University shall not be used for any purpose other than incidental to the objects of the University.

5. Grants and Financial Assistance.- The University shall be self-financing and shall neither make a demand nor shall be entitled to any maintenance, grant-in-aid or any other financial assistance from the State or any other body or corporation owned or controlled by the State:

Provided that the State may, provide financial support through grants or otherwise:-

- (a) for research, development and other activities for which other State Government organizations are provided financial assistance; or
- (b) for any specific research or programmes receiving support from the



Government; and

- (c) for the benefit of similar universities in the State whether subject to a change in State policy or otherwise:

Provided further that the university may receive any financial support from any other source.

6. Power to establish constituent College, additional campuses, Regional Centres or Study Centres.- The University may have Constituent Colleges, Regional Centres, additional campuses and Study Centres at such places in the State as it deems fit after the completion of five years after its establishment with prior approval of the State Government subject to norms of UGC and other National Accreditation bodies.

7. Objects of the University.- The University shall employ a broad range of strategies to achieve its vision and objectives,-

(i) to expand the horizon of world knowledge, provide instruction, teaching and learning including writing and reading, training, research and development at various levels such as Elementary Education, Secondary Education, Higher Education, in the subject disciplines such as:

- (a) Engineering and Technology including Civil, Architecture, Mechanical, Automobile, Electrical, Electronics and Communication, Computer Science and Engineering, Information Technology, Design and Printing Technology including 3-D, Environmental Engineering, Bio-Technology, Space Technology, Nano-materials and Technology and any other emerging areas including interdisciplinary etc.
- (b) Health Sciences including Medical, Dental, Ayurveda, Homeopathy, Naturopathy, Pharma, Nursing and any other emerging areas including interdisciplinary etc.
- (c) Agricultural Sciences and Technology School or College or Center.
- (d) Management and Technology including Business Management, Tourism Management, Hotel Management, Hospitality Management, Hospital Management, Disaster Management, Risk Management and any other emerging areas of study including inter-disciplinary areas etc.
- (e) Natural Sciences including Physics, Electronics, Mathematics, Computer Science, Chemical and Environmental Sciences, Biological Sciences, Earth Sciences, Space Sciences, Nano Science and Nano-Materials and any other emerging area of study including interdisciplinary etc.
- (f) Humanities and Social Sciences including History, Kannada, Economics, Political Science, Journalism, Tourism, Law, Philosophy, Puranas and



Pravachanas, Music, Art, Fashion Design including 3-D Design, Animation, Culture, Social Works, Sanskrit, English, other Indian and Foreign Languages and any other emerging areas of study including interdisciplinary areas etc.

(g) Any other emerging areas or faculty or field of study across the globe.

(ii) to design and deliver high quality training, capacity building and development systems for teachers, teacher educators, teachers in higher and professional education, Leadership training including political leaders, administrators and development professionals working in education and other systems.

(iii) to institute degrees, diplomas including PG diplomas, dual degree programmes, integrated courses, certificates and other academic distinctions like awards, award of credits on the basis of , -

(a) successful completion of academic work evaluated through multiple methods including modern methods of assessment; and

(b) outstanding contributions like writing original book or books, research publication, services in the areas of cultural and spiritual by eminent persons in different areas of learning;

(iv) to collaborate with any other universities, research institutions, non-profit organization, industry associations, professional associations or other organizations to conceptualize, design, develop and offer specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;

(v) to disseminate knowledge and develop a public debate on issues of education and allied development fields through series of lectures, seminars, conferences, executive education programmes, community development programmes, publications and training programmes and events;

(vi) to initiate and undertake programs for the development and training of faculty, researches, and support staff of the University in partnership, collaboration, co-operation, joint venture, strategic or any other form of mutually beneficial relationship with any other institution or institutions of similar vision, mission, strategic architecture and objectives;

(vii) to undertake collaborative research and advocacy with any organizations;

(viii) to undertake necessary or expedient action to pursue and promote the objectives of the University;

(ix) to undertake any objectives as may be approved by the Government for the enhancement of the education and other development sectors.

8. Powers of the University.- The University shall have the following powers, namely:-



- (i) to establish and maintain Campuses, Regional Centres and Study Centres in Karnataka as may be determined by the University from time to time in the manner laid down by the Statutes with prior approval of the Government and as per UGC norms.
- (ii) to carry out all such other activities as may be necessary or feasible in furtherance of the object of the University;
- (iii) to confer degrees or other academic distinctions in the manner and under conditions laid down in the Statutes;
- (iv) to institute and award fellowships, scholarships and prizes, awards medals etc., in accordance with the Statutes;
- (v) to demand and receive such fees, bills, invoices and collect charges as may be fixed by the Statutes or rules, as the case may be;
- (vi) to make provisions for extra curricular activities for students and employees;
- (vii) to make appointments of the Faculty, officers and employees of the University or a Constituent College, Campuses, Regional Centres, Study Centres;
- (viii) to receive voluntary donations and gifts of any kind not prohibited by any Law for the timebeing inforce and to acquire, hold, manage, maintain and dispose of any movable or immovable property, including Trust and endowment properties for the purpose of the University or a Constituent College or a Campus, Regional Centre, Study Centre;
- (ix) to institute and maintain hostels and to recognize, places of residence for students of the University or a Constituent College;
- (x) to supervise and control the residence and to regulate the discipline among the students and all categories of employees and to lay down the conditions of service of such employees, including the Code of. Conduct for the students and employees;
- (xi) to create academic, administrative and support staff and other necessary posts;
- (xii) to co-operate and collaborate with other Universities in such a manner and for such purposes as the University may determine from time to time;
- (xiii) to organize and conduct refresher courses, orientation courses, workshops, seminars and other programmes for teachers, lesson writers, evaluators and other academic staff;
- (xiv) to determine standards of admission to the University or a Constituent College, Regional Centres, Study Centres with the approval of Academic



Council and to make admission of students of Karnataka not less than the extent provided in this Act;

- (xv) to do all such other acts or things whether incidental to the powers aforesaid or not, as may be necessary to further the objects of the University;
- (xvi) to institute Degrees, Diplomas, Certificates and other academic distinctions on the basis of examination or any other method of evaluation approved by the Government;
- (xvii) to provide for the preparation of instructional materials, including films, cassettes, tapes, video cassettes, CD, VCD and other software and other relevant electronic and print media.
- (xviii) to raise, collect, subscribe and borrow money with the approval of the Board of Governors whether on the security of the property of the University, for the purposes of the University;
- (xix) to acquire, takeover and run the management of any other educational institutions with the prior approval of the Government;
- (xx) to acquire properties with the prior approval of the board of management;
- (xxi) to undertake any other activities connected with or incidental to above objectives of the University.

9. University open to all classes, castes, creed, gender or nation.- The University admissions shall be open to all persons irrespective of caste, class, creed, gender or nation. All admissions shall be made on the basis of merit in the qualifying examinations:

Provided that forty percent of the admissions in all courses of the university shall be reserved for the students of Karnataka State and admissions shall be made through a Common Entrance Examination conducted by the State Government or its agency and seats shall be allotted as per the merit and reservation policy of the State Government from time to time.

Provided further that where there are less than ten seats in any course like Post Graduate, they shall be reserved by clubbing such courses together and where there are less than three posts in any course they shall be reserved by rotation.

10. National Accreditation.- The University shall seek accreditation from respective statutory national accreditation bodies soon after its establishment. Further all the courses run by Private Universities shall be as per the regulations of the National Accreditation Bodies.

11. Powers of the sponsoring body.- The sponsoring body shall have the following powers with reference to the University, each of which may be exercised by the



Sponsoring Body at its discretion, namely:-

- (i) to appoint or re-appoint or terminate the appointment of the Chancellor;
- (ii) to constitute the first Board of Governors of the University;
- (iii) to nominate the chairperson of the Board of Governors;
- (iv) to nominate three persons as members of the Board of Governors;
- (v) to nominate two persons as members of the Board of Management;
- (vi) to determine the source of funds to be contributed to the University Endowment Fund;
- (vii) to determine the application and spending of moneys by the University;
- (viii) to resolve any Conflict at the meeting of the Board of Governors in the manner provided for in this Act.

CHAPTER - III **OFFICERS OF THE UNIVERSITY**

12. Officers of the University.- The following shall be the officers of the University:-

- (i) The Visitor
- (ii) The Pro-Visitor
- (iii) The Chancellor;
- (iv) The Vice-Chancellor;
- (v) The Pro Vice-Chancellor;
- (vi) The Registrar;
- (vii) The Finance Officer;
- (viii) The Dean
- (ix) The Registrar Evaluation; and
- (x) Such other officers as may be declared by the Statutes to be officers of the University.

13. The Visitor.- (1) His Excellency the Governor of Karnataka shall be the Visitor of the University and the visitor may offer suggestions for the improvement of the functioning of the University.

(2) The visitor shall preside over the convocation of the university for conferring Degree and Diploma.

(3) The Visitor shall have the following powers, namely:-

- (i) to call for any paper or information relating to the affairs of the University;
- (ii) on the basis of the information received by the Visitor, if he is satisfied that any order, proceedings, or decision taken by any authority of the University is not in conformity with the Act, regulations or rules, he may issue such directions as he



may deem fit in the interest of the University and the directions so issued shall be complied with by all concerned.

14. The Pro-Visitor.- (1) The Hon'ble Minister for Higher Education of the Government of Karnataka shall be the Pro-Visitor of the University.

(2) The Pro-Visitor shall, when the Visitor is absent, preside at the Convocation of the University for conferring Degrees and Diplomas

15. The Chancellor.- (1) The Chancellor shall be appointed by the Sponsoring Body.

(2) The founder trustee of the Sponsoring Body shall be the first Chancellor, who shall hold for life or till he demits office.

(3) The subsequent Chancellor shall be either the then Trustee of the Sponsoring Body or such other person of eminence of national figure in the field of education, science, culture or public life, when such an appointment is being considered, as may be decided by the Sponsoring Body.

(4) The subsequent Chancellor so appointed shall hold the office as determined by the Sponsoring Body.

(5) The Chancellor shall have such powers as may be conferred on him by this Act or the Statutes made there under, which shall include the following powers; namely:-

- (i) to function as the head of the University;
- (ii) to preside at all convocations of the University in absence of visitor and pro-visitor ;
- (iii) to function as a Chairperson of the Board of Governors of the University ;
- (iv) to appoint or re-appoint or terminate the appointment of the Vice-Chancellor, in accordance with the provisions of this Act and the Statutes;
- (v) to nominate a person as a member of the Nomination Committee as referred to in sub-section (2) of section 16 of this Act;
- (vi) to pre-approve the appointment of the Pro Vice-Chancellor, the Dean, the Registrar and the Finance Officer;
- (vii) to nominate two academicians as members on the Board of Governors;
- (viii) to appoint the first Pro Vice-Chancellor and the Finance Officer;
- (ix) to constitute the first Board of Management, the Finance Committee, the Research Council and the Academic Council;
- (x) to pre-approve the Agenda matters in the manner provided for in the Act;
- (xi) to resolve a conflict (excluding conflicts at a meeting of the Board of Governors) in the manner provided for in this Act.

(6) In the event of there being a conflict inter-se between the functionary or body and any other functionary or body of the University, then the issue shall be referred to the



Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

16. The Vice-Chancellor.- (1) The Vice-Chancellor shall be appointed by the Chancellor for a term of three years subject to other terms and conditions as may be laid down by the Statutes from among three persons recommended by the Nomination Committee constituted in accordance with the provisions of sub-section (2). After the term of three years, it is renewable for another term of three years.

Provided that a Vice-chancellor shall continue to hold the office even after expiry of his term till new Vice-chancellor joins. However, in any case this period shall not exceed one year.

(2) The Nomination Committee referred to in sub-section (1) shall consist of the following persons, namely:-

- (i) One person nominated by the Chancellor;
- (ii) Two nominees of the Board of Governors, one of whom shall be nominated as the Convener of the Committee by the Board of Governors.

(3) The Nomination Committee shall, on the basis of merit, recommend three persons suitable to hold the office of the Vice-Chancellor and forward the same to the Chancellor along with a concise statement showing the academic qualifications and other distinctions of each person.

(4) The Vice-Chancellor shall be the Principal Executive and Academic Officer of the University and shall exercise general supervision and control over the affairs of the University and give effect to the decisions of the authorities of the University.

Provided that, where any matter, other than the appointment of a Teacher is of urgent nature requiring immediate action and the same could not be immediately dealt with by any officer or the authority or other body of the University empowered by or under this Act to deal with it, the Vice-Chancellor may take such action as he may deems fit with the prior written approval of the Chancellor.

(5) The Vice-Chancellor shall exercise such other powers and perform such other duties as may be laid down by the Statutes or the Rules.

Provided that, where in the opinion of the Vice-chancellor, any decision of any authority of the university is outside the powers conferred by this Act or Statutes, regulations or rules made there under or is likely to be prejudicial to the interests of the university, he shall request the concerned authority to revise its decision within fifteen days from the date of its decision and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the Chancellor and his decision thereon shall be final.



(6) The services of the Vice-Chancellor can be terminated by the Chancellor with the approval of the Board of Governors after following the principles of natural justice and after providing an opportunity to present his case including for termination on disciplinary grounds.

(7) The Vice-Chancellor shall preside at the convocation of the University in the absence of the Visitor, Pro-Visitor and the Chancellor.

17. The Pro Vice-Chancellor.- The Chancellor shall appoint not exceeding three pro-vice Chancellors with the Written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

18. Deans of Faculties.- Deans of Faculties shall be appointed by the Chancellor with the written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

19. The Registrar.- (1) The Registrar shall be appointed by the Chancellor in such manner and on such terms and conditions as may be laid down by the Statutes.

(2) All contracts as defined in statutes shall be entered into and signed by the Registrar on behalf of the University.

(3) The Registrar shall have the power to authenticate records on behalf of the University and shall exercise such other powers and perform such other duties as may be conferred by the statutes or may be required from time to time, by the Chancellor or the Vice-Chancellor.

(4) The Registrar shall be responsible for the due custody of the records and the common seal of the University and shall be bound to place before the Chancellor, the Vice-Chancellor or any other authority, all such information and documents as demanded.

20. The Finance Officer.- The Finance Officer shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and he shall exercise such powers and perform such duties as may be conferred by the Statutes.

21. Other Officers.- The manner of appointment, terms and conditions of service and powers and duties of the other officers of the University shall be such as may be specified by Statutes.

CHAPTER - IV

AUTHORITIES OF THE UNIVERSITY

22. Authorities of the University.- The following shall be the authorities of the University, namely:-

- (i) The Board of Governors;
- (ii) The Board of Management;
- (iii) The Academic Council;
- (iv) Research Council;



- (v) The Finance Committee; and
- (vi) Such other authorities as may be declared by the Statutes to be the authorities of the University.

23. The Board of Governors and its powers.-(1) The Board of Governors shall consist of the following, namely:-

- (i) The Chancellor- Chairperson;
- (ii) The Vice-Chancellor- Member;
- (iii) The Principal Secretary/Secretary to the State Government in the Higher Education or by his nominee not below the rank of Deputy Secretary ;
- (iv) The Principal Secretary/ Secretary to the Government in the Medical Education or by his nominee not below the rank of Deputy Secretary;
- (v) One expert from the field of management, finance or any other specialized, including administration to be nominated by the State Government;
- (vi) ¹[three persons]¹ nominated by the Sponsoring Body of whom one shall be woman;
- (vii) The Pro Vice-Chancellor who shall be a non-voting member;
- (viii) One eminent educationist nominee of the university grant commission;
- ²[(ix) Two academicians nominated by the Chancellor]².

(2) The Registrar shall be non-voting member secretary of the Board of Governors.

(3) The tenure of office of the members of the Board of Governors, appointment of members, other than Government nominees, renewal and removal, etc., shall be such as may be laid down by the Statutes.

(4) All meetings of the Board of Governors shall always be chaired by the Chancellor and in his absence by any one of the nominees of the Chancellor. If Chancellor has not nominated any person to Chair such a meeting, members present in the meeting shall elect the Chairperson for that meeting only from among themselves by a simple majority.

(5) Quorum for all meetings of the Board of Governors, shall be three members attending and voting at such meeting.

Provided that the presence of either the Chancellor or one nominee of the Sponsoring Body and in the absence of the Chancellor or one nominee of Sponsoring Body, the Vice Chancellor, shall always be necessary to form the quorum for any meeting of the Board of Governors.

(6) The Board of Governors shall be the Principal Governing Body of the



University and shall have the following powers, namely:

- (i) to appoint the Statutory Auditors of the University;
- (ii) to lay down policies to be pursued by the University;
- (iii) to review decisions of the other authorities of the University if they are not in conformity with the provisions of this Act, or the Statutes or the Rules;
- (iv) to approve the Budget and Annual Report of the University;
- (v) to make new or additional Statutes or amend or repeal the earlier Statutes and Rules;
- (vi) to take decision about voluntary winding up of the University;
- (vii) to approve proposals for submission to the Government;
- (viii) to nominate three members to the Fee Regulation Committee
- (ix) to take such decisions and steps as are found desirable for effectively carrying out the objects of the University.

(7) The Board of Governor shall, meet at least three times a year.

(8) No resolution shall be passed or decision be taken by the Board of Governors at their meeting, in respect of any Agenda Matters except pursuant to an affirmative vote by the Chancellor in favour of the Agenda Matter.

(9) In the event of a conflict of opinion at a meeting of the Board of Governors, then the issued shall be referred to the Sponsoring Body and the decision of the Sponsoring Body in respect of such issue shall be final and binding on the University.

1. Substituted by Act 13 of 2019 w.e.f. 02.03.2019

2. Inserted by Act 13 of 2019 w.e.f. 02.03.2019

24. The Board of Management.- (1) The Board of Management shall consist of the following, namely:-

- (i) The Vice Chancellor;
- (ii) The Pro-Vice Chancellor;
- (iii) The Registrar;
- (iv) Two nominees of the Sponsoring Body;
- (v) Two Deans of the schools as nominated by the Chancellor.
- (vi) The Registrar Evaluation

(2) The Vice Chancellor shall be the Chairperson of the Board of Management and the Registrar in the absence of the Registrar the Registrar Evaluation with the prior approval of the Chancellor shall be the Secretary of the Board of Management.

(3) The Board of management shall be the executive body of the University. The powers and functions of the Board of Management shall be such as may be specified



by the statutes.

(4) All meetings of the Boards of Management, shall always be chaired by the Vice Chancellor and in the absence of the Vice Chancellor, by the nominee of the Sponsoring Body and where the Sponsoring Body has not nominated any nominees, then by any other member as elected by the members present in the meeting.

(5) In the event of a conflict of opinion at a meeting of the Board of Management, the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

25. The Academic Council.- (1) The Academic Council shall consist of the following, namely:-

- (i) The Vice-Chancellor - Chair Person
- (ii) The Pro Vice Chancellor – Member
- (iii) The Registrar - Secretary
- (iv) Such other members as may be specified by-the Statutes.
- (v) The Registrar Evaluation –Member
- (vi) One nominee of the Chancellor - Member

(2) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the academic policies of the University.

26. The Research Council.- (1) The Research Council shall be the Principal Research Committee of the University and shall provide the larger holistic vision of the kind of research to be undertaken by the University, including prioritization of the research areas. This Council shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the Research and innovation policies of the University.

(2) The Research Council shall consist of the following, namely:-

- (i) The Vice-Chancellor - Chair Person
- (ii) The Pro Vice Chancellor - Member
- (iii) The Dean of Research - Secretary
- (iv) Head of the Department of Innovation - Member
- (v) Deans of all Faculties – Members and
- (vi) Such other members as may be specified in the Statutes.

27. The Finance Committee.- (1) The Finance Committee shall consist of the following, namely:-

- (i) The Chancellor– Chairperson



- (ii) The Vice-Chancellor – Member
- (iii) The Registrar – Member
- (iv) The Finance Officer – Secretary
- (v) One nominee of the Chancellor – Member; and
- (vi) Such other members as may be specified by the statutes.
- (vii) The Registrar Evaluation _ Member

(2) The Finance Committee shall be the principal financial body of the University to take financial matters and shall, subject to the provisions of this Act, rules and statutes, undertake Co-ordination exercise, general supervisions over the financial matters of the University.

28. Other Authorities.- The constitution, the powers and functions of the other authorities of the University shall be such as may be specified by the statutes.

29. Disqualification for membership of an Authority or Body: A person shall be disqualified for being a member of any of the authorities of bodies of the University, if he;

- (a) is of unsound mind and stands so declared by a competent court;
- (b) is an un discharged insolvent;
- (c) has been convicted of any offence involving moral turpitude;
- (d) is conducting or engaging himself in private coaching classes; or
- (e) has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere.
- (f) As and when the Sponsoring Body were to form an opinion in writing that a Member of any of the authorities or bodies is unfit to hold the post.

30. Proceedings not invalidated on account of Vacancy.- No act or Proceedings of any authority of the University shall be invalid merely by reason of the existence of any vacancy or defect in the constitution of the Authority.

31. Provisions pertaining to Agenda Matters.- (1) No agenda Matter shall be either included in the Agenda for or taken up for discussion or decided in the meeting of the Board of Governors or the Board of Management or any Committee without obtaining the prior approval of the Chancellor.

(2) In the event of breach of any provisions of this Act, the Chancellor shall be entitled at all time to immediately take remedial action by reversing all decisions taken by any functionary or body of University and consequent upon the pursuit of such a remedial action all such actions taken by the functionary or body of the university in breach of the provisions of the Act shall be deemed to be null and void ab initio and



consequently ; status quo ante shall prevail in respect of the matter or decision in breach.

CHAPATER – V

STATUTES AND REGULATIONS

32. Statutes.- Subject to the provisions of this Act, the Statutes may provide for all or any matter, relating to the University and staff as given below, namely: -

- (i) the procedure for transaction of business of the Authorities of the University and the composition of bodies not specified in this Act.
- (ii) the operation of the permanent statutory endowment fund, University endowment fund, the general fund and the development fund,
- (iii) the terms and conditions of appointment of the Vice-Chancellor, the Registrar and the Finance Officer and their powers and functions,
- (iv) the mode of recruitment and the terms and conditions of service of the other officers, Teachers and employees of the University;
- (v) the procedure for resolving disputes between the University and its officers, Faculty members, employees and students;
- (vi) creation, abolition or restructuring of departments and faculties;
- (vii) the manner of co-operation with other Universities or institutions of higher learning.;
- (viii) the procedure for conferment of honorary degrees;
- (ix) provisions regarding grant of freeships and scholarships;
- (x) policies in respect of seats in different courses of studies and the procedure of admission of students to such courses;
- (xi) policy relating to the fee chargeable from students for various courses of studies;
- (xii) institution of fellowships, scholarships, studentships, free ships, medals and prizes;
- (xiii) any other matters which may be decided by the Board of Governors or required to be provided by statutes under this Act.

33. Statutes how made.- (1) The first statutes framed by the Board of Management shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the First Statutes, submitted by the Board of Management and shall give its approval thereon with such modifications, if any, as it may deem necessary.

(3) The University shall publish the First Statutes, as approved by the Board of Governors in the University Notification, and thereafter, the First Statutes shall come into



force from the date of its publication.

34. Power to amend the Statutes.- The Board of Governors may, make new or additional Statutes or amend or repeal the statutes;

35. Regulations.- Subject to the provisions of this Act, the regulations may provide for the following matters, namely:-

- (i) admission of students to the University and their enrolment and continuance as such;
- (ii) the courses of study to be laid down for all degrees and other academic distinctions of the University;
- (iii) the award of degrees and other academic distinctions;
- (iv) the conditions of the award of fellowships, scholarships, studentships, medals and prizes;
- (v) the conduct of examinations and the conditions and mode of appointment and duties of examining bodies, examiners invigilators, tabulators and moderators;
- (vi) the fee to be charged for admission to the examinations, degrees and other academic distinctions of the University;
- (vii) the conditions of residence of the students at the University or a Constituent College;
- (viii) maintenance of discipline among the students of the University or a Constituent College;
- (ix) all other matters as may be provided in the Statutes under the Act.

36. Regulations how made.- The Regulations shall be made by the Academic Council and approved by Board of Management.

37. Power to amend Regulations.- The Academic Council may, with the approval of the Board of Management, make new or additional regulations or amend or repeal the regulations.

38. Fee Regulation Committee.- (1) The fee of the university seats reserved for Karnataka Students under section 9 shall be regulated by the Fee Regulation Committee constituted by the Government which shall be headed by a retired Supreme Court or High Court Judge and consists of Chancellor, Vice-Chancellor of the University, Principal Secretary or Secretary to Government incharge of Higher Education or by his nominee not below the rank of Deputy Secretary, Principal Secretary or Secretary to Government incharge of Medical Education or by his nominee not below the rank of Deputy Secretary, two Academicians nominated by the Board of Governors of whom one shall be woman. A Chartered Accountant of repute shall be co-opted for this purpose in the Committee.



(2) The Committee shall look after the compliance of the university in its admissions and collection of fee.

CHAPTER - VI

MISCELLANEOUS

39. Conditions of service of employees.- (1) Every employee shall be appointed under a written contract subject to such terms and conditions as may be specified by statutes and regulations or prescribed if any by rules which shall be kept in the University and a copy of which shall be furnished to the employee concerned.

(2) Disciplinary action against the employees shall be governed by the procedure specified in the Statutes.

(3) Any dispute arising out of the contract between the University and an employee shall, be resolved in the manner provided for in the written contract and in accordance with the Statutes.

40. Right to appeal.- In case of disciplinary actions by the University against its employee or student, the aggrieved employee or students shall have a right to appeal to such authority as specified by the statutes.

41. Provident or pension fund.- The University shall constitute for the benefit of its employees such provident or pension fund and provide such insurance scheme as it may deem fit in such manner and subject to such conditions as may be specified by the statutes and the laws in force.

42. Disputes as to constitution of University authorities and bodies.- If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be a member of any authority or other body of the University, the matter shall be referred to the Chancellor whose decision thereon shall be final.

43. Constitution of Committees.- Any authority of the University mentioned in section 22, shall be empowered to constitute a committee of such authority, consisting of such members having such powers as the authority may deem fit.

44. Filling of casual vacancies.- Any casual vacancy among the members, other than ex-officio members of any Authority or body of the University shall be filled in the same manner in which the member whose vacancy is to be filled up, was chosen, and the person filling the vacancy shall be a member of such authority or body for the residual term for which the person in whose place he would have been a member.

45. Protection of action taken in good faith.- No suit or other legal proceedings shall lie against any officer or other employee of the University for anything, which is done in good faith or intended to be done in pursuance of the provisions of this Act, the Statutes or the Rules.



46. Transitional provisions.- Notwithstanding anything contained in any other provisions of this Act and the Statutes:-

- (i) the first Vice-Chancellor and Pro-Vice-Chancellor, if any shall be appointed by the Chancellor;
- (ii) the first Registrar, the first Registrar Evaluation and the first Finance Officer shall be appointed by the Chancellor; and
- (iii) the first Board of Management, the first Finance Committee, the first Research and innovation Council and the first Academic Council shall be constituted by the Chancellor.

47. Permanent Statutory Endowment Fund.- (1) The University shall establish a Permanent Statutory Endowment Fund of at least rupees twenty five crores out of which at least fifteen crores shall be in cash and remaining in the form of Bank guarantee which may be increased suo moto but shall not be decreased.

Provided that in case of a University outside the Bangalore or Bangalore Rural District at least ten crores must be in form of cash and the remaining five crores shall be in form of Bank Guarantee.

(2) The University shall have power to invest the permanent Statutory Endowment Fund in such manner as may be prescribed.

(3) The University may transfer any amount from General Fund or the Development fund to the permanent statutory fund except in the event of the dissolution of the University, in no other circumstances can any moneys be transferred from permanent Statutory Endowment Fund for any other purposes.

(4) Seventy five percent of the income received from permanent Statutory Endowment Fund shall be used for the purpose of development or general work of the University. The remaining twenty five percent shall be invested in the permanent Statutory Endowment Fund.

48. University Endowment Fund.- (1) The University shall establish a University Endowment Fund having such funds as may be determined by the Sponsoring Body which can include donations and other funds received from time to time.

(2) The University shall have the power to invest the University Endowment Fund in a manner as may be specified by the Statutes.

(3) The University Endowment Fund is a self-imposed fund that the University desires to maintain voluntarily and invest it responsibly to protect itself from financial challenges that may arise on account of pursuing social objectives and/or unforeseen circumstance.

(4) The University may transfer any amount from the General Fund or the



development fund to the University Endowment Fund. Excepting in the dissolution of the University, in no other circumstances moneys can be transferred from the University Endowment Fund for other purposes.

(5) Eighty percent of the incomes received from the University Endowment Fund shall be used for the purposes of development or general work of the University. The remaining twenty percent shall be reinvested into the University Endowment Fund.

49. General Fund.- (1) The University shall establish a General Fund to which the following amount shall be credited, namely:-

- (i) all fees which may be charged by the University;
- (ii) all sums received from any other source not prohibited by any law for the time being in force;
- (iii) all contributions made to the University;
- (iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force.

(2) The funds credited to the General Fund shall be applied to meet all the recurring expenditure of the University.

50. Development fund.- (1) The University shall also establish a Development Fund to which the following funds shall be credited, namely:-

- (i) development fees which may be charged from students;
- (ii) all sums received from any other source for the purposes of the development of the University;
- (iii) all contributions made to the University;
- (iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force; and
- (v) all incomes received from the Permanent Statutory Endowment Fund.

(2) The funds credited to the Development Fund from time to time shall be utilized for the development of the University.

51. Maintenance of funds.- The funds established under sections 47, 48, 49 and 50 shall, subject to general supervision and control of the Board of Governors, be regulated and maintained in such manner as may be prescribed.

52. Annual Report.-(1) The annual report of the University shall be prepared under the direction of the Board of Management and shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the annual report in its meeting and may approve the same with or without modification.

(3) A copy of the annual report duly approved by the Board of Governors shall be



sent to the State Government before 31st December following close of the financial year in 31st March of each year.

53. Account and audit.- (1) The annual accounts and balance sheet of the University shall be prepared under the direction of the Board of Management and all funds accruing to or received by the University from all source and all amount disbursed or paid shall be entered in the account maintained by the University.

(2) The annual accounts of the University shall be audited by an auditor, who is a member of the Institute of Chartered Accountants of India, every year.

(3) A copy of the annual accounts and the balance sheet together with the audit report shall be submitted to the Board of Governors before 30th November following close of the financial year in 31 March of each year.

(4) The annual accounts, the balance sheet and the audit report shall be considered by the Board of Governors at its meeting and the Board of Governors shall forward the same to the visitor and the Government along with its observation thereon on or before 31st December of each year.

(5) In the event of any material alteration in the Report of the Auditors, the State Government may issue directions to the University, and such directions shall be binding on the University.

54. Mode of proof of University record.- A copy of any receipt, application, notice, order, proceeding or resolution of any authority or committee of the University or other documents in possession of the University or any entry in any register duly maintained by the University, if certified by the Registrar, shall be received as prima facie evidence of such receipt, application, notice, order, proceeding, resolution or document or the existence of entry in the register and shall be admitted as evidence of the matters and transaction therein recorded where the original thereof would, if produced, have been admissible in evidence.

55. Power of State Government to issue directions.- The State Government may give such directions to the University as in its opinion are necessary or expedient for carrying out the purposes of this Act or to give effect to any of the provisions contained therein or of any rules or orders made thereunder and the Board of Governor or the Board of management, as the case may be, of the University shall comply with every such direction.

56. Penalties.- (1) Whoever contravenes the provisions of this Act or the rules made thereunder or any examination matters or in matters relating to award of degrees or in giving marks cards shall on conviction be punishable with fine of rupees fifty thousand which may extend to ten lakhs rupees or with an imprisonment for a term of six months which may extend to two years or with both.



Provided that, where the University is also involved the permission letter granted under this Act to commence the University shall be withdrawn.

(2) A penalty under this section may be imposed without prejudice to the penalty specified in any other Act.

57. Power to enter and inspect.- Any officer not below the rank of Group 'A' officer authorised by the State Government in this behalf, shall, subject to such conditions as may be specified therein under the Karnataka Educational Institutions (Prohibition of Capitation Fee) Act, 1984 (Karnataka Act 37 of 1984) shall be deemed to be the Officer authorized to exercise the same powers and discharge the same functions as provided under section 9 of that Act for the purposes of this Act.

58. Power to give direction for dissolution of the University.- (1) If the University proposes dissolution in accordance with the law governing its constitution or incorporation, it shall give at least six months prior notice in writing to the Government.

(2) The Karnataka State Higher Education Council shall conduct periodical Inspection of University regarding;-

- (i) Standard of Instructions for grant of degree;
- (ii) Quality of Education;
- (iii) Avoidance of commercialisation of Higher Education;
- (iv) contravention of the provisions of the Act if any;

-and send report to the Government.

(3) On identification of mismanagement, maladministration and indiscipline, the Government shall issue directions to the management of the University to set right the administration. If the direction is not followed within such time as may be prescribed, the right to take decision for winding up of the University or any course thereof shall vest with the Government.

(4) The manner of winding up of the University or any course thereof shall be such as may be prescribed by the Government in this behalf.

Provided that no such action shall be initiated without affording a reasonable opportunity to show cause to the University.

(5) On receipt of the notice referred to in sub-section (1), the Government shall, in consultation with the relevant Regulatory Authority make such arrangements for administration of the University from the proposed date of dissolution of the University or winding up of the course and until the last batch of students in regular courses of studies of the University complete their courses of studies in such manner as may be specified by the Statues.

59. Expenditure of the University during dissolution.-(1) The expenditure of



administration of the University during taking over period of its management under sub-section (5) of section 58 shall be met out of the Permanent Statutory Endowment Fund, the General Fund or the Development Fund in such manner as may be prescribed.

(2) If the fund referred to in section 47, 48, 49 and 50 are not sufficient to meet the expenditure of the University during the taking over period of its management, such expenditure may be met by disposing of the properties or asset of the University, by the Government.

(3) Where the dissolution of the University is due to mismanagement or maladministration, the Government is at liberty to identify the persons responsible for such mismanagement or maladministration and to impose penalty as it deems fit.

60. Removal of difficulties.- (1) If any difficulty arises in giving effect to the provisions of this Act, the State Government may, by a notification or by order, make such provisions, which are not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient, for removing the difficulty:

Provided that, no notification or order under this section shall be made after the expiry of a period of five years from the date of commencement of this Act.

(2) Every Order made under sub-section (1), shall, as soon as may be after it is made, be laid before the State Legislature.

61. Power to make rules by the State Government.- (1) The State Government may make rules, by notification, to carryout the purposes of this Act.

(2) Every rule made under this Act shall be laid as soon as may be after it is made before each House of the State Legislature while it is in session for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

The above translation of ಆದಿಚುಂಚನಗಿರಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2012 (2013ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 18) be published in the Official Gazette under clause (3) of Article 348 of the Constitution of India.

H.R. BHARDWAJ
GOVERNOR OF KARNATAKA



By Order and in the name of
the Governor of Karnataka,

K.S.Mudagal

Secretary to Government(I/C)
Department of Parliamentary Affairs and Legislation

KARNATAKA ACT NO. 13 OF 2019

(First Published in the Karnataka Gazette Extra-ordinary on the Second day of March 2019)

THE ADICHUNCHANAGIRI UNIVERSITY (AMENDMENT) ACT, 2019

(Received the assent of the Governor on the twenty eighth day of February 2019)

An Act to amend the Adichunchanagiri University Act, 2012.

Whereas it is expedient to amend the Adichunchanagiri University Act, 2012 (Karnataka Act 18 of 2013) for the purposes hereinafter appearing;

Be it enacted by the Karnataka State Legislature in the seventieth year of the Republic of India, as follows:-

1. Short title and commencement.- (1) This Act may be called the Adichunchanagiri University (Amendment) Act, 2019.

(2) It shall come into force at once.

Section 23 is incorporated in the Principal Act,



KARNATAKA ACT NO. 20 OF 2013
DAYANANDA SAGARA UNIVERSITY ACT, 2012

Arrangement of Sections

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STATEMENT OF OBJECTS AND REASONS

Act No.20 of 2013.- The Mahatma Gandhi Vidya Peetha Trust have come forward to establish private University in the State. The establishment of a private university by a well-known organization would certainly help in spreading the quality education to the needy students. This also accelerates the enhancement of gross enrolment ratio in the higher education sector which presently stands at 11.5% in Karnataka.

Keeping in view the above, it is considered necessary to provide for establishment of Dayananda Sagar University.

This private university focuses on teaching, training, research and development in the fields of Life Sciences, IT, all branches of Engineering, Architecture, Management, Health Care Education to include: Medicine, Dentistry, Pharmacy, Physiotherapy, Nursing, Allied Health and allied sectors and for the matters connected therewith or incidental thereto.

Hence, the Bill.

[L.A. Bill No.33 of 2012, File No. Samvyashae 44 Shasana 2012]

[Entry 25 of List III of the Seventh Schedule to the Constitution of India.]



KARNATAKA ACT NO. 20 OF 2013

(First Published in the Karnataka Gazette Extra-ordinary on the
Twenty seventh day of February, 2013)

DAYANANDA SAGARA UNIVERSITY ACT, 2012

(Received the assent of the Governor on the Twenty fifth day of February, 2013)

An Act to establish and incorporate in the State of Karnataka a University of unitary in nature in private sector by the Mahatma Gandhi Vidya Peetha Trust to promote and undertake the advancement of applied University education in Life Sciences, Information Technology, all branches of Engineering, Architecture, Management, Health Care Education to include Medicine, Dentistry, Pharmacy, Physiotherapy, Nursing, Allied Health and allied sectors and for the matters connected therewith or incidental thereto.

Whereas it is expedient to establish and incorporate in the State of Karnataka a University of unitary in nature in private sector by the Mahatma Gandhi Vidya Peetha Trust to promote and undertake the advancement of applied University Education in Life Sciences, Information Technology, all branches of Engineering, Architecture, Management, Health Care Education to include Medicine, Dentistry, Pharmacy, Physiotherapy, Nursing, Allied Health and allied sectors and for the matters connected therewith or incidental thereto for the purposes hereinafter appearing;

Be it enacted by the Karnataka State Legislature in the sixty third year of the Republic of India as follows:-

CHAPTER - I

PRELIMINARY

1. Short title, extent and commencement. - (1) This Act may be called the Dayananda Sagar University Act, 2012.

(2) It extends to the whole of the State of Karnataka.

(3) It shall come into force on such date as the State Government may, by notification, in the official Gazette, appoint.

This Act has come into force w.e.f. 16.05.2014. by Notification No.Er 95 ಯಾಚ್ಛೆ¹ 2014,

Dated:16.05.2014.

(See the text of the notification at the end of the Act)

2. Definitions.- In this Act, unless the context otherwise requires,-



- (a) "Academic Council" means the Academic Council of the University as specified in section 25;
- (b) "Agenda Matters" means all the matters and business to be designated in the Statutes each of which can be either included in the Agenda or be taken up for discussion and decision at a meeting of the Board of Governors or the Board of Management or any Committees, as the case may be, only subject to the prior written approval of the Chancellor, consenting to the passing of such matters and business at such a meeting;
- (c) "Board of Governors" means the Board of Governors of the University as specified in section 23;
- (d) "Board of Management" means the Board of Management of the University as specified in section 24;
- (e) "Chancellor", "Vice-Chancellor", "Pro Vice-Chancellor" means respectively the Chancellor, Vice Chancellor and Pro Vice Chancellor of the University;
- (f) "Campus" means a campus established, maintained by the University, wherever situated;
- (g) "Committees" means the committees formed under this Act or by the various functionaries of the University as the case may be and includes the Nomination Committee, the Finance Committee and such other committees;
- (h) "Constituent College" means a college or institution established and maintained by the University;
- (i) "Finance Committee" means the Finance Committee of the University as specified in section 27;
- (j) "Government" means the Government of Karnataka;
- (k) "National Accreditation Bodies" means a body established by the Central Government for laying down norms and conditions for ensuring academic standards of higher education, such as University Grants Commission, All India Council of Technical Education, Medical Council of India, Pharmaceutical Council of India, Indian Council of Agriculture Research, National Assessment and Accreditation Council, National Council of Teacher Education,



Distance Education Council, Council of Scientific and Industrial Research, and includes the Government;

- (l) "Prescribed" means prescribed by rules made by the Government under this Act;
- (m) "Principal in relation to a Constituent College" means the head of the Constituent College and includes, where there is no Principal or in the absence of a Principal appointed, the Vice-Principal or any other person for the time being appointed to act as Principal;
- (n) "Registrar" means the Registrar of the University;
- (o) "Regional Centre" means a centre established or maintained by the University for the purpose of coordinating and supervising the work of Study Centres in any region and for performing such other functions as may be conferred on such centre by the Board of Management;
- (p) "Sponsoring Authority" or "sponsoring body" in relation to this Act means the Trust;
- (q) "State" means State of Karnataka;
- (r) "Statutes" and "Regulations" means respectively, the Statutes and Regulations of the university made under this Act;
- (s) "Study centre" means a centre established and maintained by the university for the purpose of advising, counseling or for rendering any other assistance required by the students in the context of education;
- (t) "Teacher" means and includes a Professor, Associate Professor, Assistant Professor, or such other person as may be appointed for imparting instruction or conducting or to guide research in the University or in a Constituent College and includes the Principal of Constituent College in conformity with the norms prescribed by the 'University Grants Commissions;
- (u) "Trust" means Mahatma Gandhi Vidya Peetha Trust;
- (v) "University Grants Commission" means the Commission established under section 4 of the University Grants Commission Act, 1956 (Central Act 3 of 1956);
- (w) "University" means the Dayananda Sagar University, established and incorporated under this Act;



- (x) "Visitor" means the visitor of the University as specified in section 13.

CHAPTER - II

THE UNIVERSITY AND SPONSORING BODY

3. Proposal for the establishment of the University.- (1) The Trust shall have the right to establish the University of unitary in nature subject to and in accordance with the provisions of this Act.

(2) The proposal to establish a University shall be made to the State Government by the Trust.

(3) The proposal shall contain the following particulars, namely:-

- (i) the objects of the University along with the details of the Trust;
- (ii) the extent and status of the University and the availability of land;
- (iii) the nature and type of programmes of study and research to be undertaken by the University during a period of five academic years immediately following the commencement date;
- (iv) the nature of faculties, courses of study and research proposed to be started;
- (v) the campus development such as buildings, equipment and structural amenities;
- (vi) the phased outlays of capital expenditure for a period of five academic years immediately following the commencement date;
- (vii) the item-wise recurring expenditure, sources of finance and estimated expenditure for each student;
- (viii) the scheme for mobilizing resources and the cost of capital thereto and the manner of repayments to each source;
- (ix) the scheme of generation of funds internally through the recovery of fee from students, revenues anticipated from consultancy and other activities relating to the objects of the University and other anticipated incomes;
- (x) the details of expenditure on unit cost, the extent of concessions or rebates in fee, freeship and scholarship for students belonging to economically weaker sections and the fee structure indicating varying rate of fee, if any, that would be levied on students who are either non resident Indians or



persons of Indian origin or sponsored by non resident Indians or persons of Indian origin and students of nationalities other than India;

(xi) the years of experience and expertise in the concerned discipline at the command of the Trust; as well as the financial resources;

(xii) the system for selection of students to the courses of study at the University; and

(xiii) status of fulfillment of such other conditions as may be required by the State Government to be fulfilled before the establishment of the University.

(4) A Screening Committee shall be constituted by the State Government consisting of three member who are Ex-officio members of Karnataka State Higher Education Council to examine the proposals received, which shall make recommendations to the State Government.

4. Establishment of the University.- (1) Where the State Government, after considering the recommendations of the screening Committee and holding such inquiry as it may deem necessary, is satisfied that,-

- (i) the Trust has ability to run an University with sufficient infrastructure.
- (ii) owns a land to the extent specified below in accordance with its location, namely:-
 - (a) twenty five acres of land if it is within limits of Bruhat Bangalore Mahanagara Palike;
 - (b) forty acres of land if it is out side the limits of Bruhat Bangalore Mahanagara Palike but within Bangalore Metropolitan Region Development Authority area;
 - (c) not less than sixty acres of land in the places other than the places specified in clauses (a) and (b).

The land specified above shall consist of a single block and it shall be in the name of concerned trust/foundation/institution/ university itself. Based on the furnished particulars required in sub-section (3) of section 3, the Government may direct the Trust to establish the permanent Statutory Endowment Fund as specified in section 47.

(2) After the establishment of the Permanent Statutory Endowment Fund, the State Government may, by notification, in the official Gazette, accord sanction for establishment of the University of unitary in nature in the State by the name of “Dayananda Sagar University”.



(3) The headquarters of the University shall be at Bangalore. The University shall have Campuses or Regional Centres, Study Centres anywhere in Karnataka and subject to the prior permission of the State Government and as per UGC norms.

(4) The First Chancellor, the First Vice-Chancellor, First members of the Board of Governors, First members of the Board of Management and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, shall constitute a body corporate and can sue and be sued in the name of the University.

(5) On sanction for the establishment of the University under sub-section (2), the land and other movable and immovable properties acquired, created, arranged or built by the Trust for the purpose of the University shall vest in the University.

(6) In all suits and other legal proceedings by or against the University, the pleading shall be signed and verified by, and all processes in such suits and proceedings shall be issued to and be served on the Registrar.

(7) The land, building and other properties of the University shall not be used for any purpose other than incidental to the objects of the University.

5. Grants and Financial Assistance.- The University shall be self-financing and shall neither make a demand nor shall be entitled to any maintenance grant-in-aid or any other financial assistance from the State or any other body or corporation owned or controlled by the State:

Provided that the State may, provide financial support through grants or otherwise,-

(a) for research, development and other activities for which other State Government organizations are provided financial assistance; or

(b) for any specific research or programmes receiving support from the State Government; and

(c) for the benefit of similar universities in the State whether subject to a change in State policy or otherwise:

Provided further that the university may receive any financial support from any other source.

6. Power to establish constituent College, additional campuses, Regional Centres or Study Centres.- The University may have Constituent



Colleges, Regional Centres, additional campuses and Study Centres at such places in the State as it deems fit after the completion of five years after its establishment with prior approval of the State Government subject to norms of UGC and other National Accreditation bodies.

7. Objects of the University. - The University shall employ a broad range of strategies to achieve its vision and objectives,-

(i) to provide instruction, teaching, training, research, consultancy and development in various disciplines in areas such as Technical Education, in Finance, in Management, Teaching-Learning, Technology in Professional Education, Health Care to Include Medicine, Dentistry, Pharmacy, Nursing, Allied Health and including other allied fields of development and make provisions for research, advancement and dissemination of knowledge on these fields;

(ii) to design and deliver high quality training, capacity building and development systems for teachers in higher and professional education, administrators and professionals working in Government, Public and Private Sectors and development professionals in other systems;

(iii) to develop resource centers to contribute to quality education;

(iv) to establish Campuses and have study centers, Constituent Colleges and Regional Centres at various locations in Karnataka and to contribute and develop an understanding of educational changes in Technical and professional education and social and human development as per norms of the University Grants Commission with prior approval of the State Government;

(v) to institute degrees, diplomas, certificates and other academic distinctions like award of credits on the basis of successful completion of academic work evaluated through multiple methods of assessment;

(vi) to collaborate with any other universities, research institutions, non-profit organizations, industry association, professional associations or other organizations, to conceptualize, design, develop and offer specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;

(vii) to disseminate knowledge and develop a public debate on issues of education and allied development fields through seminars, conferences, executive education programmes, community development programmes, publications and training programmes and events;



(viii) to undertake programmes for development and training of faculty and researchers of the University in partnership with any other institutions of quality with prior approval of the State Government;

(ix) to undertake collaborative research and advocacy with any organizations with prior approval of the State Government;

(x) to undertake necessary or expedient action to pursue and promote the objectives of the University;

(xi) to pursue any objectives as may be approved by the Government for the enhancement of the education and other development sectors.

8. Powers of the University. - The University shall have the following powers, namely:-

(i) to establish and maintain Campuses, Regional Centres and Study Centres in Karnataka as may be determined by the University from time to time in the manner laid down by the Statutes with prior approval of the Government and as per UGC norms;

(ii) to carry out all such other activities as may be necessary or feasible in furtherance of the object of the University;

(iii) to confer degrees or other academic distinctions in the manner and under conditions laid down in the Statutes;

(iv) to institute and award fellowships, scholarships and prizes, awards, medals etc., in accordance with the Statutes;

(v) to demand and receive such fees, bills, invoices and collect charges as may be fixed by the Statutes or rules, as the case may be;

(vi) to make provisions for extracurricular activities for students and employees;

(vii) to make appointments of the Faculty, officers and employees of the University or a Constituent College, Campuses, Regional Centres, Study Centres;

(viii) to receive voluntary donations and gifts of any kind not prohibited by any Law for the time being in force and to acquire, hold, manage, maintain and dispose of any movable or immovable property, including trust and endowment properties for the purpose of the University or a Constituent College or a Campus, Regional Centre, Study Centre;

(ix) to institute and maintain hostels and to recognize places of residence for students of the University or a Constituent College;



(x) to supervise and control the residence and to regulate the discipline among the students and all categories of employees and to lay down the conditions of service of such employees, including the Code of Conduct for the students and employees;

(xi) to create academic, administrative and support staff and other necessary posts;

(xii) to co-operate and collaborate with other Universities in such a manner and for such purposes as the University may determine from time to time;

(xiii) to organize and conduct refresher courses, orientation courses workshops, seminars and other programmes for teachers, lesson writers, evaluators and other academic staff;

(xiv) to determine standards of admission to the University or a Constituent College, Regional Centres, Study Centres with the approval of Academic Council and to make admission of students of Karnataka not less than the extent provided in this Act;

(xv) to do all such other acts or things whether incidental to the powers aforesaid or not, as may be necessary to further the objects of the University;

(xvi) to institute Degrees, Diplomas, Certificates and other academic distinctions on the basis of examination or any other method of evaluation approved by the Government;

(xvii) to provide for the preparation of instructional materials, including films, cassettes, tapes, video cassettes, CD, VCD and other software and other relevant electronic and print media;

(xviii) to raise, collect, subscribe and borrow money with the approval of the Board of Governors whether on the security of the property of the University, for the purposes of the University;

(xix) to acquire and takeover and run the management of any other educational institutions with the prior approval of the State Government;

(xx) to acquire properties with the prior approval of the Board of Management;

(xxi) to undertake any other activities connected with or incidental to above objectives of the University.

9. University open to all classes, castes, creed, gender or nation.- The University admissions shall be open to all persons irrespective of caste, class, creed, gender or nation. All admissions shall be made on the basis of merit in



the qualifying examinations:

Provided that forty percent of the admissions in all courses of the university shall be reserved for the students of Karnataka State and admissions shall be made through a Common Entrance Examination conducted by the State Government or its agency and seats shall be allotted as per the merit and reservation policy of the State Government from time to time.

Provided further that where there are less than ten seats in any course like Post Graduate, Ph.d and Research they shall be reserved by clubbing such courses together and where there are less than three posts in any course they shall be reserved by rotation.

10. National Accreditation.- The University shall seek accreditation from respective statutory national accreditation bodies soon after its establishment. Further all the courses run by Private Universities shall be as per the regulations of the National Accreditation Bodies.

11. Powers of the sponsoring body.- The sponsoring body shall have the following powers with reference to the University, each of which may be exercised by the Sponsoring Body at its discretion, namely:-

- (i) to appoint or re-appoint or terminate the appointment of the Chancellor;
- (ii) to constitute the first Board of Governors of the University;
- (iii) to nominate the chairperson of the Board of Governors;
- (iv) to nominate three persons as members of the Board of Governors;
- (v) to nominate two persons as members of the Board of Management;
- (vi) to determine the source of funds to be contributed to the University Endowment Fund;
- (vii) to determine the application and spending of monies by the University;
- (viii) to resolve any conflict at the meeting of the Board of Governors in the manner provided for in this Act.

CHAPTER – III **OFFICERS OF THE UNIVERSITY**

12. Officers of the University. - The following shall be the officers of the University, namely:-

- (i) The Visitor;
- (ii) The Pro-visitor;
- (iii) The Chancellor;
- (iv) The Vice-Chancellor;



- (v) The Pro Vice-Chancellor;
- (vi) The Registrar;
- (vii) The Finance Officer; and
- (viii) Such other officers as may be declared by the Statutes to be officers of the University.

13. The Visitor.- (1) His Excellency the Governor of Karnataka shall be the Visitor of the University and the visitor may offer suggestions for the improvement of the functioning of the University.

(2) The Visitor shall preside over the convocation of the University for conferring degrees and diplomas.

(3) The Visitor shall have the following powers, namely:-

- (i) to call for any paper or information relating to the affairs of the University;
- (ii) on the basis of the information received by the Visitor and if he is satisfied that any order, proceedings or decision taken by any authority of the University is not in conformity with the Act, Regulations, or Rules, he may issue such directions as he may deem fit in the interest of the University and the directions so issued shall be complied with by all the concerned.

14. The Pro-Visitor.- (1) The Hon'ble Minister for Higher Education, Government of Karnataka shall be the pro-visitor of the University.-

(2) The pro-visitor shall, when the Visitor is absent, preside at the Convocation of the University for conferring degrees and diplomas.

15. The Chancellor.- (1) The Chancellor shall be appointed by the Sponsoring Body.

(2) The founder trustee of the Sponsoring Body shall be the first Chancellor, who shall hold for life or till he demits office.

(3) The subsequent Chancellor shall be either the then Trustee of the Sponsoring Body or such other person of eminence of national figure in the field of education, science, culture or public life, when such an appointment is being considered, as may be decided by the Sponsoring Body.

(4) The subsequent Chancellor so appointed shall hold the office as determined by the Sponsoring Body.

(5) The Chancellor shall have such powers as may be conferred on him by this Act or the Statutes made there under, which shall include the following powers,



namely:-

- (i) to function as the head of the University;
- (ii) to preside at all convocations of the University in absence of visitor and pro-visitor ;
- (iii) to function as a Chairperson of the Board of Governors of the University ;
- (iv) to appoint or re-appoint or terminate the appointment of the Vice-Chancellor, in accordance with the provisions of this Act and the Statutes;
- (v) to nominate a person as a member of the Nomination Committee as referred to in sub-section (2) of section 16 of this Act;
- (vi) to pre approve the appointment of the Pro Vice-Chancellor, the Dean, the Registrar and the Finance Officer;
- (vii) to nominate two academicians as members on the Board of Governors;
- (viii) to appoint the first Pro Vice-Chancellor and the Finance Officer;
- (ix) to constitute the first Board of Management, the Finance Committee, the Research Council and the Academic Council;
- (x) to pre-approve the Agenda matters in the manner provided for in the Act;
- (xi) to resolve a conflict (excluding conflicts at a meeting of the Board of Governors) in the manner provided in this Act.

(6) In the event of there being a conflict inter-se between the functionary or body and any other functionary or body of the University, then the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

16. The Vice-Chancellor.- (1) The Vice-Chancellor shall be appointed by the Chancellor for a term of three years subject to other terms and conditions as may be laid down by the Statutes from among three persons recommended by the Nomination Committee constituted in accordance with the provisions of sub-section (2). After the term of three years, it is renewable for another term of three years.

Provided that a Vice-chancellor shall continue to hold the office even after expiry of his term till new Vice-chancellor joins. However, in any case this period shall not exceed one year.



(2) The Nomination Committee referred to in sub-section (1) shall consist of the following persons, namely:-

- (i) One person nominated by the Chancellor;
- (ii) Two nominees of the Board of Governors, one of whom shall be nominated as the Convener of the Committee by the Board of Governors.

(3) The Nomination Committee shall, on the basis of merit, recommend three persons suitable to hold the office of the Vice-Chancellor and forward the same to the Chancellor along with a concise statement showing the academic qualifications and other distinctions of each person.

(4) The Vice-Chancellor shall be the Principal Executive and Academic Officer of the University and shall exercise general supervision and control over the affairs of the University and give effect to the decisions of the authorities of the University.

Provided that, where any matter, other than the appointment of a Teacher is of urgent nature requiring immediate action and the same could not be immediately dealt with by any officer or the authority or other body of the University empowered by or under this Act to deal with it, the Vice-Chancellor may take such action as he may deems fit with the prior written approval of the Chancellor.

(5) The Vice-Chancellor shall exercise such other powers and perform such other duties as may be laid down by the Statutes or the Rules.

Provided that, where in the opinion of the Vice-chancellor, any decision of any authority of the university is outside the powers conferred by this Act or Statutes, Regulations or Rules made there under or is likely to be prejudicial to the interests of the university, he shall request the concerned authority to revise its decision within fifteen days from the date of its decision and in case the authority refuses to revise such decision wholly or partly or fails to take any decision within fifteen days, then such matter shall be referred to the Chancellor and his decision thereon shall be final.

(6) The services of the Vice-Chancellor can be terminated by the Chancellor with the approval of the Board of Governors after following the principles of natural justice and after providing an opportunity to present his case including for termination on disciplinary grounds.

(7) The Vice-Chancellor shall preside at the convocation of the University in the absence of the Visitor, Pro-Visitor and the Chancellor.

17. The Pro Vice-Chancellor.- The Vice-Chancellor shall appoint not exceeding three pro-vice Chancellors with the written approval of the Chancellor in



such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

18. Deans of faculties.- Deans of faculties shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and they shall exercise such powers and perform such duties as may be laid down by the Statutes.

19. The Registrar.- (1) The Registrar shall be appointed by the Chancellor in such manner and on such terms and conditions as may be laid down by the Statutes.

(2) All contracts as defined in statutes shall be entered into and signed by the Registrar on behalf of the University.

(3) The Registrar shall have the power to authenticate records on behalf of the University and shall exercise such other powers and perform such other duties as may be conferred by the statutes or may be required from time to time, by the Chancellor or the Vice-Chancellor.

(4) The Registrar shall be responsible for the due custody of the records and the common seal of the University and shall be bound to place before the Chancellor, the Vice-Chancellor or any other authority, all such information and documents as demanded.

20. The Finance Officer.- The Finance Officer shall be appointed by the Vice-Chancellor with the written approval of the Chancellor in such manner and he shall exercise such powers and perform such duties as may be laid down by the Statutes.

21. Other Officers.- The manner of appointment, terms and conditions of service and powers and duties of the other officers of the University shall be such as may be specified by Statutes.

CHAPTER – IV

AUTHORITIES OF THE UNIVERSITY

22. Authorities of the University.- The following shall be the authorities of the University, namely:-

- (i) The Board of Governors;
- (ii) The Board of Management;
- (iii) The Academic Council;
- (iv) The Research and Innovation Council;
- (v) The Finance Committee; and



(vi) Such other authorities as may be declared by the Statutes to be the authorities of the University.

23. The Board of Governors and its powers.- (1) The Board of Governors shall consist of the following, namely:-

- (i) The Chancellor- Chairperson;
- (ii) The Vice-Chancellor- Member;
- (iii) The Principal Secretary/Secretary to the State Government in the Higher Education or by his nominee not below the rank of Deputy Secretary ;
- (iv) The Principal Secretary/ Secretary to the Government in the Medical Education or by his nominee not below the rank of Deputy Secretary;
- (v) One expert from the field of management, finance or any other specialized, including administration to be nominated by the State Government;
- (vi) Two persons nominated by the Sponsoring Body of whom one shall be woman;
- (vii) The Pro Vice-Chancellor who shall be a non-voting member;
- (viii) One eminent educationist nominee of the university grant commission.

(2) The Registrar shall be non-voting member Secretary of Board of Governors.

(3) The tenure of office of the members of the Board of Governors, appointment of members, other than Government nominees, renewal and removal, etc., shall be such as may be laid down by the Statutes.

(4) All meetings of the Board of Governors shall always be chaired by the Chancellor and in his absence by any one of the nominees of the Chancellor. If Chancellor has not nominated any person to Chair such a meeting, members present in the meeting shall elect the Chairperson for that meeting only from among themselves by a simple majority.

(5) Quorum for all meetings of the Board of Governors shall be three members attending and voting at such meeting.

Provided that the presence of either the Chancellor or one nominee of the Sponsoring Body and in the absence of the Chancellor or one nominee of



Sponsoring Body, the Vice Chancellor, shall always be necessary to form the quorum for any meeting of the Board of Governors.

(6) The Board of Governors shall be the Principal Governing Body of the University and shall have the following powers, namely:-

- (i) to appoint the Statutory Auditors of the University;
- (ii) to lay down policies to be pursued by the University;
- (iii) to review decisions of the other authorities of the University if they are not in conformity with the provisions of this Act, or the Statutes or the Rules;
- (iv) to approve the Budget and Annual Report of the University;
- (v) to make new or additional Statutes or amend or repeal the earlier Statutes and Rules;
- (vi) to take decision about voluntary winding up of the University;
- (vii) to approve proposals for submission to the Government;
- (viii) to nominate three members to the Fee Regulation Committee;
- (ix) to take such decisions and steps as are found desirable for effectively carrying out the objects of the University.

(7) The Board of Governor shall, meet at least three times a year.

(8) The Board of Governors shall meet at such time and place as may be specified by Statute.

24. The Board of Management. - (1) The Board of Management shall consist of the following, namely:-

- (i) The Vice Chancellor;
- (ii) The Pro-Vice Chancellors;
- (iii) The Registrar;
- (iv) Two nominees of the Sponsoring Body;
- (v) Two Deans of the faculties as nominated by the Vice Chancellor.

(2) The Vice Chancellor shall be the Chairperson of the Board of Management and the Registrar shall be the Secretary of the Board of Management.

(3) The Board of management shall be the executive body of the University. The powers and functions of the Board of Management shall be such as may be specified by the statutes.

(4) All meetings of the Boards of Management shall always be chaired by the Vice Chancellor and in the absence of the Vice Chancellor, by the nominee of the Sponsoring Body and where the Sponsoring Body has not nominated any



nominees, then by any other member as elected by the members present in the meeting.

(5) In the event of a conflict of opinion at a meeting of the Board of Management, the issue shall be referred to the Chancellor and the decision of the Chancellor in respect of such issue shall be final and binding on the University.

25. The Academic Council. - (1) The Academic Council shall consist of the following, namely:-

- (i) The Vice-Chancellor - Chairperson
- (ii) The Pro Vice Chancellor - Member
- (iii) The Registrar - Secretary
- (iv) Such other members as may be specified by the Statutes.

(2) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the academic policies of the University.

26. The Research and Innovation Council. - (1) Research and Innovation Council shall be the Principal Research and Innovation Committee of the University and shall provide the larger holistic vision of the kind of research to be undertaken by the University, including prioritization of the research areas. Research and Innovation Council shall, subject to the provisions of this Act, the Statutes, Regulations and the Rules, co-ordinate and exercise general supervision over the Innovation and Research policies of the University.

(2) The Research and Innovation Council shall consist of the following, namely:-

- (i) The Vice-Chancellor - Chairperson
- (ii) The Pro Vice Chancellor - Member
- (iii) The Dean of Research - Secretary
- (iv) Head of the Department of Innovation - Member
- (v) Deans of all Faculties - Members; and
- (vi) Such other members as may be specified in the Statutes.

27. The Finance Committee. - (1) The Finance Committee shall consist of the following, namely:-

- (i) The Chancellor or his Nominee- - Chairperson
- (ii) The Vice-chancellor - Member
- (iii) The Registrar - Member



- (iv) The Finance Officer - Secretary
- (v) One nominee of the Sponsoring Body - Member; and
- (vi) Such other members as may be specified in the statutes.

(2) The Finance Committee shall be the principal financial body of the University to take care of financial matters and shall, subject to the provisions of this Act, Rules and Statutes co-ordinate and exercise general supervision over the financial matters of the University.

28. Other Authorities.- The constitution, powers and functions of the other authorities of the University shall be such as may be specified by the statutes.

29. Disqualification for membership of an Authority or Body: A person shall be disqualified for being a member of any of the authorities of bodies of the University, if he;

- (a) is of unsound mind and stands so declared by a competent court;
- (b) is an undischarged insolvent;
- (c) has been convicted of any offence involving moral turpitude;
- (d) is conducting or engaging himself in private coaching classes; or
- (e) has been punished for indulging in or promoting unfair practice in the conduct of any examination, in any form, anywhere.
- (f) As and when the Sponsoring Body were to form an opinion in writing that a Member of any of the authorities or bodies is unfit to hold the post.

30. Proceedings not invalidated on account of vacancy.- No act or proceedings of any authority of the University shall be invalid merely by reason of the existence of any vacancy or defect in the constitution of the authority.

31. Provisions pertaining to Agenda Matters.- (1) No Agenda Matter shall be either included in the Agenda for or taken up for discussion and decided in, the meeting of the Board of Governors or the Board of Management or any Committees without obtaining the prior written approval of the Chancellor.

(2) In the event of breach, the Chancellor shall be entitled at all time to immediately take remedial action by reversing all decisions taken by any functionary or body of the University in breach of the provisions of the Act and consequent upon the pursuit of such a remedial action all such actions taken by the functionary or body of the University in breach of the provisions of the Act shall



be deemed to be null and void, ab initio and consequently the status quo ante shall prevail in respect of the matter or decision in breach.

CHAPTER - V

STATUTES AND REGULATIONS

32. Statutes.- Subject to the provisions of this Act, the Statutes may provide for any matter relating to the University and staff, as given below, namely:-

- (i) the procedure for transaction of business of the Authorities of the University and the composition of bodies not specified in this Act;
- (ii) the operation of the permanent statutory endowment fund, University endowment fund, the general fund and the development fund;
- (iii) the terms and conditions of appointment of the Vice-Chancellor, the Registrar and the Finance Officer and their powers and functions;
- (iv) the mode of recruitment and the terms and conditions of service of the other officers, Teachers and employees of the University;
- (v) the procedure for resolving disputes between the University and its officers, Faculty members, employees and students;
- (vi) creation, abolition or restructuring of departments and faculties;
- (vii) the manner of co-operation with other Universities or institutions of higher learning;
- (viii) the procedure for conferment of honorary degrees;
- (ix) provisions regarding grant of free ships and scholarships;
- (x) policies in respect of seats in different courses of studies and the procedure of admission of students to such courses;
- (xi) policy relating to the fee chargeable from students for various courses of studies;
- (xii) institution of fellowships, scholarships, studentships, free ships, medals and prizes;
- (xiii) any other matters which may be decided by the Board of Governors or required to be provided by statutes under this Act.

33. Statutes how made.- (1) The first statutes framed by the Board of Management shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the First Statutes, submitted by the Board of Management and shall give its approval thereon with such modifications, if any, as it may deem necessary.



(3) The University shall publish the First Statutes, as approved by the Board of Governors in the University Notification, and thereafter, the First Statutes shall come into force from the date of its publication.

34. Power to amend the Statutes.- The Board of Governors may, make new or additional Statutes or amend or repeal the Statutes.

35. Regulations.- Subject to the provisions of this Act, the regulations may provide for all or any of the following matters, namely:-

- (i) admission of students to the University and their enrolment and continuance as such;
- (ii) the courses of study to be laid down for all degrees and other academic distinctions of the University;
- (iii) the award of degrees and other academic distinctions;
- (iv) the conditions of the award of fellowships, scholarships, studentships, medals and prizes;
- (v) the conduct of examinations and the conditions and mode of appointment and duties of examining bodies, examiners invigilators, tabulators and moderators;
- (vi) the fee to be charged for admission to the examinations, degrees and other academic distinctions of the University;
- (vii) the conditions of residence of the students at the University or a Constituent College;
- (viii) maintenance of discipline among the students of the University or a Constituent College;
- (ix) all other matters as may be provided in the Statutes under the Act.

36. Regulations how made.- The Regulations shall be made by the Academic Council and approved by Board of Management.

37. Power to amend Regulations.- The Academic Council may, with the approval of the Board of Management, make new or additional regulations or amend or repeal the regulations.

38. Fee Regulation Committee.- (1) The fee of the university seats reserved for Karnataka Students under section 9 shall be regulated by the Fee Regulation Committee constituted by the Government which shall be headed by a retired Supreme Court or High Court Judge and consists of Chancellor, Vice-Chancellor of the University, Principal Secretary or Secretary to Government incharge of Higher Education or by his nominee not below the rank of Deputy Secretary, Principal



Secretary or Secretary to Government incharge of Medical Education or by his nominee not below the rank of Deputy Secretary, two Academicians nominated by the Board of Governors of whom one shall be woman. A Chartered Accountant of repute shall be co-opted for this purpose in the Committee.

(2) The Committee shall look after the compliance of the university in its admissions of collection of fee.

CHAPTER – VI

MISCELLANEOUS

39. Conditions of service of employees.- (1) Every employee shall be appointed under a written contract subject to such terms and conditions as may be specified by statutes and regulations or prescribed if any by rules which shall be kept in the University and a copy of which shall be furnished to the employee concerned.

(2) Disciplinary action against the employees shall be governed by the procedure specified in the Statutes.

(3) Any dispute arising out of the contract between the University and an employee shall, be resolved in the manner provided for in the written contract and in accordance with the Statutes.

40. Right to appeal.- In case of disciplinary actions by the University against its employee or student, the aggrieved employee or students shall have a right to appeal as specified by the statutes.

41. Provident or pension fund.- The University shall constitute for the benefit of its employees such provident or pension fund and provide such insurance scheme as it may deem fit in such manner and subject to such conditions as may be specified by the statutes and the laws in force.

42. Disputes as to constitution of University authorities and bodies.- If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be a member of any authority or other body of the University, the matter shall be referred to the Chancellor whose decision thereon shall be final.

43. Constitution of Committees.- Any authority of the University mentioned in section 22, shall be empowered to constitute a committee of such authority, consisting of such members of such authority and having such powers as the authority may deem fit.

44. Filling of casual vacancies.- Any casual vacancy among the members, other than ex-officio members of any Authority or body of the University shall



be filled in the same manner in which the member whose vacancy is to be filled up, was chosen, and the person filling the vacancy shall be a member of such authority or body for the residual term for which the person in whose place he would have been a member.

45. Protection of action taken in good faith.- No suit or other legal proceedings shall lie against any officer or other employee of the University for anything, which is done in good faith or intended to be done in pursuance of the provisions of this Act, the Statutes or the Rules.

46. Transitional provisions.- Notwithstanding anything contained in any other provisions of this Act and the Statutes,-

(i) the first Vice-Chancellor and Pro-Vice-Chancellor, if any shall be appointed by the Chancellor;

(ii) the first Registrar and the first Finance Officer shall be appointed by the Chancellor; and

(iii) the first Board of Management, the first Finance Committee, the first Innovation and Research Council and the first Academic Council shall be constituted by the Chancellor.

47. Permanent Statutory Endowment Fund.- (1) The University shall establish a Permanent Statutory Endowment Fund of at least rupees twenty five crores, out of which at least fifteen crores shall be in cash and remaining in the form of Bank Guarantee, which may be increased suo moto but shall not be decreased.

Provided that, in case of a University outside the Bangalore or Bangalore Rural District at least ten crores must be in form of cash and the remaining five crores shall be in form of Bank Guarantee.

(2) The University shall have power to invest the permanent Statutory Endowment Fund in such manner as may be prescribed.

(3) The University may transfer any amount from the General Fund or the Development Fund to the permanent Statutory Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies be transferred from permanent Statutory Endowment Fund for other purposes.

(4) Seventy five percent of the incomes received from permanent Statutory Endowment Fund shall be used for the purpose of development or general work of



the University. The remaining twenty five percent shall be reinvested in the permanent Statutory Endowment Fund.

48. University Endowment Fund.- (1) The University shall establish a Permanent Statutory Endowment Fund of at least rupees twenty five crores out of which at least fifteen crores shall be in cash and remaining in the form of Bank guarantee which may be increased suo moto but shall not be decreased.

(2) The University shall have the power to invest the University Endowment Fund in a manner as may be specified by the Statutes.

(3) The University Endowment Fund is a self-imposed fund that the University desires to maintain voluntarily and invest it responsibly to protect itself from financial challenges that may arise on account of pursuing social objectives and/or unforeseen circumstance.

(4) The University may transfer any amount from the General Fund or the development fund to the University Endowment Fund. Excepting in the event of dissolution of the University, in no other circumstances can any monies be transferred from the University Endowment Fund for other purposes.

(5) Eighty percent of the incomes received from the University Endowment Fund shall be used for the purposes of development or general work of the University. The remaining twenty percent shall be reinvested into the University Endowment Fund.

49. General Fund. - (1) The University shall establish a General Fund to which the following amount shall be credited, namely:-

- (i) all fees which may be charged by the University;
- (ii) all sums received from any other source not prohibited by any law for the time being in force;
- (iii) all contributions made to the University;
- (iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force.

(2) The funds credited to the General Fund shall be applied to meet all the recurring expenditure of the University.

50. Development fund.- (1) The University shall establish a Development Fund to which the following funds shall be credited, namely:-

- (i) development fees which may be charged from students;



- (ii) all sums received from any other source for the purposes of the development of the University;
- (iii) all contributions made by the University;
- (iv) all contributions/donations made in this behalf by any other person or body which are not prohibited by any law for the time being in force; and
- (v) all incomes received from the Permanent Statutory Endowment Fund.

(2) The funds credited to the Development Fund from time to time shall be utilized for the development of the University.

51. Maintenance of funds.- The funds established under sections 47, 48, 49 and 50 shall, subject to general supervision and control of the Board of Governors, be regulated and maintained in such manner as may be prescribed.

52. Annual Report.- (1) The annual report of the University shall be prepared under the direction of the Board of Management and shall be submitted to the Board of Governors for its approval.

(2) The Board of Governors shall consider the annual report in its meeting and may approve the same with or without modification.

(3) A copy of the annual report duly approved by the Board of Governors shall be sent to the Visitor and the State Government before 31st December following close of the financial year in 31st March of each year.

53. Account and audit.- (1) The annual accounts and balance sheet of the University shall be prepared under the direction of the Board of Management and all funds accruing to or received by the University from all source and all amount disbursed or paid shall be entered in the account maintained by the University.

(2) The annual accounts of the University shall be audited by an auditor, who is a member of the Institute of Chartered Accountants of India, every year.

(3) A copy of the annual accounts and the balance sheet together with the audit report shall be submitted to the Board of Governors before 30th November following close of the financial year in 31 March of each year.

(4) The annual accounts, the balance sheet and the audit report shall be considered by the Board of Governors at its meeting and the Board of Governors shall forward the same to the visitor and the Government along with its observation thereon on or before 31st December of each year.



54. Mode of proof of University record.- A copy of any receipt, application, notice, order, proceeding or resolution of any authority or committee of the University or other documents in possession of the University or any entry in any register duly maintained by the University, if certified by the Registrar, shall be received as prima facie evidence of such receipt, application, notice, order, proceeding, resolution or document or the existence of entry in the register and shall be admitted as evidence of the matters and transaction therein recorded where the original thereof would, if produced, have been admissible in evidence.

55. Power of State Government to issue directions.- The State Government may give such directions to the University as in its opinion are necessary or expedient for carrying out the purposes of this Act or to give effect to any of the provisions contained therein or of any rules or orders made there under and the Board of Governor or the Board of management, as the case may be, of the University shall comply with every such direction.

56. Penalties.- (1) Whoever contravenes the provisions of this Act or the rules made thereunder or any examination matters or in matters relating to award of degrees or in giving marks cards shall on conviction be punishable with fine of rupees fifty thousand which may extend to ten lakhs rupees or with an imprisonment for a term of six months which may extend to two years or with both.

Provided that, where the University is also involved the permission letter granted under this Act to commence the University shall be withdrawn.

(2) A penalty under this section may be imposed without prejudice to the penalty specified in any other Act.

57. Power to enter and inspect.- Any officer not below the rank of Group 'A' officer authorised by the State Government in this behalf, shall, subject to such conditions as may be specified therein under the Karnataka Educational Institutions (Prohibition of Capitation Fee) Act, 1984 (Karnataka Act 37 of 1984) shall be deemed to be the Officer authorized to exercise the same powers and discharge the same functions as provided under section 9 of that Act for the purposes of this Act.

58. Power to give direction for dissolution of the University.- (1) If the University proposes dissolution in accordance with the law governing its constitution or incorporation, it shall give at least six months prior notice in writing to the Government.



(2) The Karnataka State Higher Education Council shall conduct periodical Inspection of University regarding:-

- (i) Standard of Instructions for grant of degree;
- (ii) Quality of Education;
- (iii) Avoidance of commercialisation of Higher Education;
- (iv) contravention of the provisions of the Act if any;

- and send report to the Government.

(3) On identification of mismanagement, maladministration and indiscipline, the Government shall issue directions to the management of the University to set right the administration. If the direction is not followed within such time as may be prescribed, the right to take decision for winding up of the University or any course thereof shall vest with the Government.

(4) The manner of winding up of the University or any course thereof shall be such as may be prescribed by the Government in this behalf.

Provided that no such action shall be initiated without affording a reasonable opportunity to show cause to the University

(5) On receipt of the notice referred to in sub-section (1), the Government shall, in consultation with the relevant Regulatory Authority make such arrangements for administration of the University from the proposed date of dissolution of the University or winding up of the course and until the last batch of students in regular courses of studies of the University complete their courses of studies in such manner as may be specified by the Statues.

59. Expenditure of the University during dissolution.-(1) The expenditure of administration of the University during taking over period of its management under sub-section (5) of section 58 shall be met out of the Permanent Statutory Endowment Fund, the General Fund or the Development Fund in such manner as may be prescribed.

(2) If the fund referred to in section 47, 48, 49 and 50 are not sufficient to meet the expenditure of the University during the taking over period of its management, such expenditure may be met by disposing of the properties or asset of the University, by the Government.

(3) Where the dissolution of the University is due to mismanagement or maladministration, the Government is at liberty to identify the persons responsible for such mismanagement or maladministration and to impose penalty as it deems fit.



60. Removal of difficulties.- (1) If any difficulty arises in giving effect to the provisions of this Act, the State Government may, by a notification or by order, make such provisions, which are not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient, for removing the difficulty:

Provided that, no notification or order under this section shall be made after the expiry of a period of five years from the date of commencement of this Act.

(2) Every Order made under sub-section (1), shall, as soon as may be after it is made, be laid before the State Legislature.

61. Power to make rules by the State Government.- (1) The State Government may make rules, by notification, to carryout the purposes of this Act.

(2) Every rule made under this Act shall be laid as soon as may be after it is made before each House of the State Legislature while it is in session for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

The above translation of ದಯಾನಂದ ಸಾಗರ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ 2012 (2013ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ:20) be published in the Official Gazette under clause (3) of Article 348 of the Constitution of India.

H.R.BHARDWAJ

GOVERNOR OF KARNATAKA

By Order and in the name of the
Governor of Karnataka

K. DWARAKANATH BABU

Secretary to Government (I/c),
Department of Parliamentary
Affairs and Legislation.



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಸಂಖ್ಯೆ: ಇಡಿ 95 ಯುಆರ್‌ಸಿ 2014

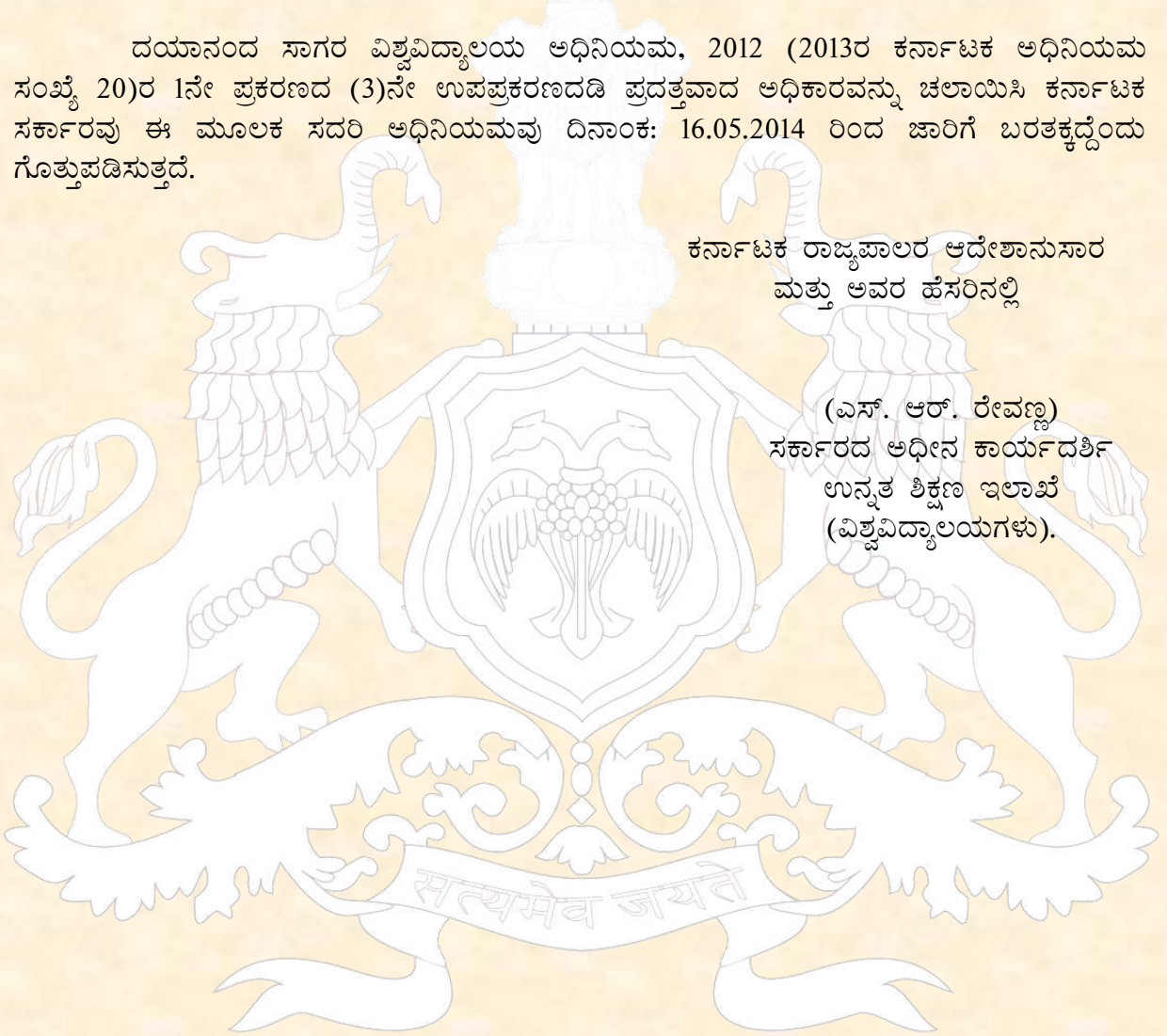
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ,
ಬಹುಮಹಡಿ ಕಟ್ಟಡ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 16.05.2014.

ಅಧಿಸೂಚನೆ

ದಯಾನಂದ ಸಾಗರ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅಧಿನಿಯಮ, 2012 (2013ರ ಕರ್ನಾಟಕ ಅಧಿನಿಯಮ ಸಂಖ್ಯೆ 20)ರ 1ನೇ ಪ್ರಕರಣದ (3)ನೇ ಉಪಪ್ರಕರಣದಡಿ ಪ್ರದತ್ತವಾದ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಈ ಮೂಲಕ ಸದರಿ ಅಧಿನಿಯಮವು ದಿನಾಂಕ: 16.05.2014 ರಿಂದ ಜಾರಿಗೆ ಬರತಕ್ಕದ್ದೆಂದು ಗೊತ್ತುಪಡಿಸುತ್ತದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ

(ಎಸ್. ಆರ್. ರೇವಣ್ಣ)
ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ
ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ
(ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು).





(b) for any specific research or programmes receiving support from the State Government and

(c) provided to or the benefit of the similar Universities in the State whether subject to a change in State Policy or otherwise;

Provided further that the university may receive any financial support from any other source.

6. Power to establish constituent College, additional campuses, Regional Centres or Study Centres:- The University may have Constituent Colleges, Regional Centres, additional campuses and Study Centres at such places in the State as it deems fit after the completion of five years after its establishment with prior approval of the State Government subject to norms of UGC and other National Accreditation bodies.

7. Objects of the University:-The University shall employ a broad range of strategies to achieve its vision and objectives.-

(i) to support, promote and undertake advancement of and innovation in University education leading up to and including post graduate, doctoral and post doctoral courses in the Technical, Health, Management, Life sciences and allied sectors and make provisions for research, advancement and dissemination of knowledge including consultancy in these fields;

(ii) to collaborate with any other universities, research institutions, non-profit organizations, industry associations, professional associations or other organizations, to conceptualize, design, develop and offer specific educational and research programmes, training programmes and exchange programmes for students, faculty members and others;

(iii) to undertake collaborative research and advocacy with any organizations with prior approval of the State Government;

(iv) to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and in particular, to make special provisions for integrated courses in Technical, Health, Management, Life sciences and other such Higher Educational Programmes of the University and to make appropriate measures for promoting interdisciplinary studies and research;

(v) to develop human resources to meet the demands of high end technical and professional industries with research on future sustainable technologies catering to engineering solutions and support technology business and technology incubation;

(vi) to provide innovative system of University level education, flexible and open with regard to methods and places of learning, combination of courses eligibility for enrolment, age of entry, conduct of examinations and operation of programmes with a view to



promoting access and equity in higher learning besides encouraging excellence in new fields of knowledge and placing special emphasis on both academic as well as application oriented learning;

(vii) to develop resource centres to contribute to quality education with prior approval of State Government;

(viii) to establish Campuses, Regional centres, study centres and constituent Colleges at various locations in Karnataka and to contribute and develop an understanding of educational change in technical, professional, general education and social and human development with prior approval of Government;

(ix) to institute degrees, diplomas, certificates and other academic distinctions like award of credits on the basis of successful completion of academic work evaluated through multiple modern methods of assessment;

(x) to disseminate knowledge and develop a public debate on issues of education and allied development fields through seminars, conferences, executive education programmes, community development programmes, publications and training programmes and events;

(xi) to undertake programmes for development and training of faculty and researchers of the University in partnership with any other university of quality with prior approval of the State Government;

(xii) to undertake necessary or expedient action to pursue and promote the objectives of the University;

(xiii) to pursue any objectives as may be approved by the Government for the enhancement of education and other development sectors in India.

8. Powers of the University:-The University shall have the following powers, namely:-

(i) to establish and maintain such Campuses, Regional Centres and Study Centres in Karnataka as may be determined by the University from time to time in the manner laid down by the Statutes with prior approval of the Government and as per UGC norms;

(ii) to carry out all such other activities as may be necessary or feasible in furtherance of the object of the University;

(iii) to confer degrees or other academic distinctions in the manner and under conditions laid down in the Statutes;

(iv) to institute and award fellowships, scholarships and prizes, awards, medals etc., in accordance with the Statutes;

- (s) "Learner Support Services" means and includes such services as are provided by a Higher Educational Institution in order to facilitate the acquisition of teaching-learning experiences by the learner to the level prescribed by or on behalf of the Commission in respect of a programme of study under Open and Distance Learning mode and/or Online mode;
- (t) "MOOCs" shall have the same meaning as assigned to it under sub-regulation 3.6 of regulation 3 of UGC (Credit Framework for Online learning courses through SWAYAM) Regulations, 2016;
- (u) "Online Mode" means a mode of providing flexible learning opportunities by overcoming separation of teacher and learner using internet, e-Learning Materials and full-fledged programme delivery through the internet using technology assisted mechanism and resources;
- (v) "Open and Distance Learning Mode" means a mode of providing flexible learning opportunities by overcoming separation of teacher and learner using a variety of media, including print, electronic, online and occasional interactive face-to-face meetings with the learners or Learner Support Services to deliver teaching-learning experiences, including practical or work experiences;
- (w) "Open University" means a Higher Educational Institution which imparts education only through Open and Distance learning mode and/or Online mode using variety of media including print, electronic, online, information and communication technology educational aids including Open Educational Resources (OERs) or Massive Open Online Courses (MOOCs) etc. and is not having any provision for offering higher education in conventional mode in its Act or Memorandum of Association or other statutory documents governing the Higher Educational Institution;
- (x) "Post Graduate Diploma" means a programme with minimum duration of two years, minimum entry level qualification as graduation, minimum 80 credits and nomenclature as recognised by the Commission and regulatory authority or statutory council, as applicable;
- (y) "Proctored Examination" means the examination conducted under the supervision of approved person or technology enabled proctoring which ensures the identity of the test taker and the integrity of the test taking environment, either in pen-paper mode or in computer based testing mode or in full-fledged Online mode; as permissible in Open and Distance Learning mode and Online mode under these regulations;
- (z) "Prohibited programmes" means such programmes which shall not be permitted to be offered in Open and Distance Learning Mode and Online Mode in Higher Education, as detailed under:
 - (a) The programmes in the disciplines (including their allied domains) of Engineering, Medical, Physiotherapy, Occupational Therapy and other Para-Medical disciplines, Pharmacy, Nursing, Dental, Architecture, Law, Agriculture, Horticulture, Hotel Management, Catering Technology, Culinary Sciences, Aircraft Maintenance, Visual Arts and Sports;
 - (b) The research based programmes such as M.Phil and Ph.D;
 - (c) Such other Programmes not permitted to be offered through Open and Distance Learning mode and/or Online mode by any concerned statutory or regulatory body or council:

Provided that, if the concerned statutory or regulatory body or council permits any of the prohibited programmes, as mentioned above, under its domain, in Open and Distance Learning mode and/or Online mode, the same may be considered by the Commission, and the decision so taken shall be notified by an Order.



SRINIVAS UNIVERSITY

(PRIVATE UNIVERSITY ESTABLISHED BY KARNATAKA STATE ACT NO.42 OF 2013)

City Office: GHS Road, MANGALURU-575001, Karnataka State, INDIA

Phone No.: 0824-2425966, 2444891, 2477866 Fax: 0824-2442766

Email: info@srinivasuniversity.edu.in

website: www.srinivasuniversity.edu.in



SRINIVAS UNIVERSITY

CENTRE FOR DISTANCE

&

ONLINE EDUCATION

PROGRAMME PROJECT REPORT (PPR)

MASTER OF COMPUTER APPLICATION

(MCA Online Programme)


Registrar
SRINIVAS UNIVERSITY
MANGALORE





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1. ABOUT “SRINIVAS UNIVERSITY”

Srinivas University, Mangaluru, is a Private Research and Skill-focused University established in 2013 under the Karnataka State Act and is part of the A. Shama Rao Foundation, founded in 1988 by eminent Chartered Accountant A. Raghavendra Rao. As the flagship of the Srinivas Group of Institutions, the University builds on a legacy of 37 years of academic excellence.

Accredited with an ‘A’ Grade by NAAC, the University today comprises 12 institutes offering 150+ undergraduate, postgraduate, and research programs in diverse domains including Medical, Engineering, Management, Aviation, Allied Health, Dental, Nursing, Hotel Management, Physiotherapy, Social Work, Education, and more.

With a strong focus on industry-aligned curriculum, innovation in examinations, skill-based education, and global collaborations, Srinivas University is committed to preparing future-ready professionals and leaders who can thrive in a rapidly changing world.

Institutes under Srinivas University

- Institute of Allied Health Sciences
- Institute of Aviation Studies
- Institute of Computer & Information Sciences
- Institute of Education
- Institute of Engineering & Technology
- Institute of Hotel Management & Tourism
- Institute of Management & Commerce
- Institute of Medical Sciences & Research Centre
- Institute of Nursing Sciences
- Institute of Physiotherapy
- Institute of Port, Shipping and Logistics Management
- Yoga Sanskrit Studies & Research Centre

VISION

To be a trendsetting university producing leaders with competence, conscience, and compassion who create a just, sustainable world for future generations.

MISSION



SRINIVAS UNIVERSITY

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To provide a transformative learning environment that fosters leadership, creativity, and intellectual growth through uncompromising academic and ethical standards.

Objectives

With an aim to be among one of the top Universities in the world, SRINIVAS UNIVERSITY has set itself the following objectives:

- Promote advanced intellectual abilities and research.
- Establish state-of-the-art educational and training facilities.
- Provide consultancy to industry and public organizations.
- Impart value-based education through national and international collaboration.
- Emphasize multi-disciplinary and trans-disciplinary education.

Core Values

Core Values to be embedded in all stakeholders

- Teamwork and unity among stakeholders.
- Respect for human dignity and harmony.
- Responsibility and accountability.
- Ethics and professional integrity.
- Courtesy and inclusiveness.

2. PREAMBLE

PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires

- i. **“Programme”** means Post-graduate Degree Programme offered under Online Learning (OL).


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- ii. **“Course”** means a Theory/Project work and any other subject that is normally studied in a semester.
- iii. **“Institution”** means **SRINIVAS UNIVERSITY**
- iv. **“Academic Council”** means the Academic Council, which is the apex body on all academic matters of **SRINIVAS UNIVERSITY**
- v. **“Controller of Examinations”** means the Controller of Examinations of **SRINIVAS UNIVERSITY** who is responsible for the conduct of examinations and declaration of results.
- i. **“Director”** means the Director of the Centre for Distance and Online Education (CDOE), CDOE is a part of **SRINIVAS UNIVERSITY**
- ii. **“Online Learning”** means a mode of providing flexible learning opportunities by overcoming the separation of teacher and learner using the internet, eLearning materials and full-fledged programme delivery through the internet using technology-assisted mechanism and resources.
- iii. **“Self-Learning e-Module (SLM) for Online mode”** means a modular unit of course material in e-learning form which is inter alia of course material in e-learning form which is inter alia self-explanatory, self-contained, self-directed at the learner, and amenable to self-evaluation, and enables the learner to acquire the prescribed level of learning in a course of study and includes contents in the form of a combination of the following e-Learning content, namely
 - e-Text Materials
 - Audio Podcasts
 - Video Lectures
 - Audio-Visual interactive material
 - Virtual Classroom Zoom/Team/WebEx/Google Class Room sessions
 - Virtual Simulation labs and



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- Self-Assessment Quizzes or Tests

3. CONTENTS OF PROGRAMME PROJECT REPORT (PPR)

I. Programme's Mission and Objectives:

Mission: At Srinivas University MCA program is to produce highly skilled computer professionals through theoretical coursework and practical training. Its objectives include equipping students with advanced knowledge in software development, database management, and network security, fostering ethical and professional development, encouraging research, and bridging the gap between academia and industry to prepare graduates for diverse roles in the IT sector.

The objectives are as follows;

- **Advanced Technical Proficiency:** Provide a strong foundation in computer science theory and advanced skills in software engineering, programming languages, database management, and network security.
- **Industry Readiness:** Bridge the gap between academia and industry by providing hands-on training, internships, and projects to prepare students for real-world challenges.
- **Professional and Ethical Development:** Foster ethical principles, professionalism, and teamwork, and instill strong human values and social responsibility.
- **Research and Innovation:** Encourage students to engage in research, explore new technologies, and contribute to innovative solutions.
- **Lifelong Learning:** Promote continuous professional development and an appreciation for lifelong learning in the field of computing.
- **Global Competency:** Enable students to work on global projects and understand the needs of the international IT job market.

Program Educational Objectives (PEOs):

Our Graduates shall:

PEO1: To provide opportunities for acquiring in-depth knowledge in the field of IT with Programming/Networking skills and also initiate research for holistic development.


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PEO2: To apply current Tools, Technologies to create Systems for solving industry-oriented problems.

PEO3: Inculcate employability skills like communication, decision-making, teamwork, leadership and professional competence.

PEO4: To instill out-of-the-box, tactical, and analytical thinking and decision-making abilities.

PEO5: To embed strong Human Values and Professional Ethics to exhibit social responsibilities.

Program Outcomes (POs):

1. **Foundational Knowledge** – Demonstrate foundational knowledge required to understand and solve real-world problems.
2. **Problem Analysis** – Identify, analyze, and interpret problems using scientific and analytical thinking.
3. **Design & Development of Solutions** – Apply appropriate tools and techniques to design and develop efficient solutions and decision-support systems.
4. **Modern Tool Usage** – Select and apply suitable modern tools and resources to solve practical problems.
5. **Data Interpretation & Analysis** – Analyze information using appropriate analytical methods to derive meaningful insights.
6. **Communication & Teamwork** – Communicate effectively with peers, professionals, and society, and work effectively as an individual or in diverse teams.
7. **Professional Ethics & Responsibility** – Recognize and adhere to professional ethics and privacy in practice.
8. **Indian Knowledge System (IKS)** – Demonstrate awareness and appreciation of the Indian Knowledge System.
9. **Innovation & Research Orientation** – Apply research-oriented methods such as information collection, experimentation, and interpretation to draw valid conclusions.
10. **Life-long Learning** – Recognize the need for and engage in independent and lifelong learning to adapt to changing professional requirements.
11. **Employability & Entrepreneurship** – Acquire professional and industry-relevant skills to pursue careers and develop an entrepreneurial mindset.
12. **Health, Human Values & Social Responsibility** – Demonstrate awareness of physical and mental well-being, uphold ethical and human values, and contribute responsibly to society and the environment.



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Program Specific Outcomes (PSOs):

- PSO1:** To understand core concepts in programming in JAVA, databases, computer networks, web technologies, cloud computing, data science, machine learning, Spring Boot, and related computer science subjects.
- PSO2:** To gain hands-on experience with tools and applications in programming, databases, web and enterprise application development, cloud platforms, data science, machine learning, system and network administration.
- PSO3:** To design and develop software applications and analyzing the solutions using appropriate methods, tools, and technologies.
- PSO4:** To initiate entrepreneurship among students with ethical practice in the field of IT and to exhibit social responsibilities.

Srinivas University aims to achieve academic excellence by providing multi-faceted education to the students and encouraging them to reach the pinnacle of success. The University has designed a system that would provide rigorous academic training and necessary skills to enable them to excel in their careers

Srinivas University is committed to providing a conducive learning environment that ensures comprehensive development of students and makes them competent, confident, and good citizens. The objective of the Master of Computer Application (MCA) Programme of Srinivas University is to provide high-quality management education to students through advancement of knowledge in all business administration functions and development of professionalism, confidence and creative ability in student managers

II. Relevance of the program with HEI's mission and goals:

The relevance of an “MCA” program in Higher Education Institution's (HEI) mission and goals can be multifaceted, aligning with several key aspects:

- **Specialization in a Niche Field:** If the HEI focuses on providing specialized education in specific industries or fields, offering an MCA course complements this focus. It demonstrates the institution's commitment to catering to industry-specific demands and producing skilled professionals in a niche sector.



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- **Industry Collaboration and Partnerships:** If the HEI emphasizes strong engagement with industry, the MCA program supports this goal by fostering collaborations with IT companies, software firms, and technology organizations. Through internships, guest lectures, industry projects, and training programs, the course helps bridge the gap between academic learning and real-world application. This strengthens the institution's reputation and ensures that students gain practical exposure to current industry practices
- **Career-Oriented Education:** If the institution aims to provide career-focused education, the MCA program directly contributes by equipping students with technical skills, problem-solving abilities, and practical knowledge required in the IT sector. The curriculum is designed to enhance employability and prepare graduates for diverse roles such as software developers, system analysts, data analysts, and IT consultants, thereby supporting the HEI's mission of producing job-ready professionals.
- **Global Perspective and Internationalization:** If the HEI seeks to promote global exposure and international academic standards, the MCA program supports this objective by incorporating globally relevant technologies, programming frameworks, and best practices in computing. The program may also encourage collaborations with international institutions, participation in global conferences, and exposure to worldwide IT trends, helping students develop a broader global outlook.
- **Contribution to Economic Development:** If the institution's mission includes contributing to regional or national economic growth, the MCA program plays a vital role by producing skilled IT professionals who support digital transformation and technological advancement. Graduates contribute to software development, innovation, entrepreneurship, and IT-enabled services, thereby strengthening the technology-driven economy.
- **Sustainability and Ethical Practices:** If the HEI emphasizes responsible and ethical education, the MCA program integrates topics such as ethical computing, data privacy, cybersecurity, and sustainable technology practices. Students are encouraged to develop solutions that are socially responsible and environmentally conscious, aligning with the institution's commitment to sustainable development and ethical professional conduct.

VISION:

To continuously upgrade the quality of our curriculum and pedagogy in order to achieve the status of one of the top-ranking institutions in Online Education in the world.

MISSION:

- To be a source of effective value-based IT talent for the sustained development across industries, so as to bring out graduates with the right skill set for employment
- To emerge as a Centre of Excellence in technical, managerial and leadership in

business based industrial needs.

- To disseminate world-class, cutting-edge education and training that shapes the way organizations operate and businesses are led and managed.
- To produce world-class, socially responsible, creative leaders and entrepreneurs who think on a global scale.
- To endow students with the educational opportunity belonging to different socioeconomic backgrounds.


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III. Nature of prospective target group of learners:

The prospective target group for an MCA through Online mode typically includes Individuals already employed in IT industries, BPO, Tech support, front office seeking career advancement without interrupting their jobs. Online mode allows them to balance work commitments with studies. Recent graduates aspiring to become IT professionals and IT administrators across industries and working professionals who are aiming for their career development.

- Those from diverse geographical locations interested in pursuing a MCA program in from a reputable institution without relocating, offering flexibility in learning.
- Professionals from other industries aspiring to transition, leveraging an MCA program to gain industry-specific knowledge and skills.
- Individuals managing or planning to start their own businesses who seek a comprehensive understanding of the industry's nuances and managerial strategies.
- The Online mode appeals to diverse learners due to its flexibility, allowing students to study at their own pace and convenience. It accommodates various learner profiles, providing access to quality education regardless of geographical constraints or work commitments.

IV. Appropriateness of programme to be conducted in Online mode to acquire specific skills and competence:

An “MCA” conducted through Online mode can be highly appropriate for acquiring specific skills and competence due to several reasons:


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- **Flexibility and Accessibility:** Online mode provides a high level of flexibility for students to learn at their own pace and schedule. Unlike traditional classroom learning, online MCA programmes allow students to access lectures, learning materials, and assignments from anywhere and at any time. This flexibility is particularly beneficial for working professionals who wish to upgrade their technical skills without leaving their jobs. Additionally, students from remote or rural areas who may not have access to reputed institutions can still enroll in quality MCA programmes through online platforms.
- **Industry-Relevant Curriculum:** Many online MCA programmes are designed in collaboration with industry experts and technology professionals. This ensures that the curriculum remains updated with the latest developments in the IT industry, such as artificial intelligence, data science, cloud computing, cybersecurity, and web technologies. Regular updates in course content help students acquire practical knowledge and technical skills that are directly applicable in real-world software development and IT environments.
- **Global Reach and Diversity:** Online education removes geographical barriers, enabling students from different regions and countries to participate in the same programme. This creates a diverse learning environment where students interact with peers from varied cultural and professional backgrounds. Such diversity enhances collaborative learning, exposure to different perspectives, and understanding of global technology trends, which are important competencies in the modern IT industry.
- **Technology Integration:** Since MCA is a technology-oriented programme, online learning platforms naturally integrate digital tools and software development environments into the learning process. Students gain hands-on experience using programming tools, cloud platforms, virtual labs, coding environments, and collaboration platforms. Exposure to such technologies improves students' practical competencies and prepares them for real-world software development and IT operations.
- **Networking Opportunities:** Online programmes often provide multiple opportunities for students to connect with instructors, industry experts, alumni, and fellow students through discussion forums, webinars, virtual workshops, and collaborative projects. These networking opportunities can lead to knowledge sharing, mentorship, internships, and potential career opportunities. Building such professional connections is valuable for students entering the competitive IT job market.
- **Cost-effectiveness:** Online MCA programmes are generally more cost-effective compared to traditional on-campus programmes. Students can save on expenses such as accommodation, travel, and other campus-related costs. Additionally, many online platforms provide access to digital libraries, recorded lectures, and open-source tools at minimal or no cost. This makes higher education more affordable while still maintaining the quality of learning.
- **Adaptability to Industry Changes:** The IT industry evolves rapidly with continuous advancements in technology. Online programmes can quickly adapt to these changes by updating course modules, introducing new tools, and incorporating emerging technologies into the curriculum. This adaptability ensures that students remain aligned with current industry requirements and develop the competencies needed to stay competitive in the technology sector.



V. Instructional Design:

Instructional design is the practice of designing, creating and delivering learning materials and programs. It can be applied to both physical and virtual education, including online courses.

ADDIE is a systematic and widely used framework for designing effective instructional programs and learning experiences. The acronym stands for Analysis, Design, Development, Implementation, and Evaluation. Each phase is interrelated and ensures that instruction is learner-centered, goal-oriented, and outcome-based.

Analysis

This is the foundation stage where instructional needs are identified. It involves analyzing learners' characteristics, learning gaps, performance problems, learning environment, and organizational goals. Clear instructional goals and constraints (time, resources, technology) are defined at this stage.

Design

In this phase, the instructional blueprint is created. Learning objectives are framed (often using Bloom's taxonomy), content is sequenced, assessment strategies are planned, and instructional methods and media are selected. The focus is on how learning will occur.

Development

Actual instructional materials are produced in this stage. This includes preparing lesson plans, e-content, presentations, activities, assessments, and learning resources. Content is developed as per the design specifications and reviewed for accuracy and alignment with objectives.

Implementation

The instructional program is delivered to learners. This may involve classroom teaching, online delivery, or blended learning. Facilitators are trained, learners are oriented, and instructional materials are used in real learning settings.

Evaluation

Evaluation determines the effectiveness of the instruction. It includes formative evaluation (ongoing feedback during all phases) and summative evaluation (assessment after implementation). Outcomes are measured against objectives, and findings are used for improvement.

In summary, the ADDIE model provides a structured, iterative approach to instructional design, ensuring quality, consistency, and continuous improvement in teaching–learning processes.



List of Courses for the MCA Program

FIRST SEMESTER							
Subject Code	Subject	Category of Courses	L-T-P-C	Credit	IA	TEE	Total Marks
OLMCA11	Linux System Administration(T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA12	Advanced Java (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA13	Entrepreneurship and Startups	AEC	3-0-0-3	3	30	70	100
OLMCA14	Introduction To Cyber Security and Cyber law(T+L)	Core- Minor	2-0-2-3	3	30	70	100
OLMCA15/16	Big Data Analytics / Ethical Hacking(T+L)	Core- Elective - 1	3-0-2-4	4	30	70	100
OLMCA17/18	Statistics For Data Science / Cloud Architecture(T+L)	Core- Elective - 2	3-0-2-4	4	30	70	100
				22	180	420	600

SECOND SEMESTER							
Subject Code	Subject	Category of Courses	L-T-P-C	Credit	IA	TEE	Total Marks
OLMCA21	Network Management (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA22	Web Development with JavaScript and ReactJS (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA23	Java Based Application Development with Spring Boot (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA24	Data Science and Deep Learning with Pyth	Core- Minor	3-0-0-3	3	30	70	100
OLMCA25/26	Network and Web Application Security / Cyber security and Privacy practices(T+L)	Core- Elective -3	3-0-2-4	4	30	70	100
OLMCA27/28	Cryptography/ BlockChain Technologies	Core- Elective -4	3-0-0-3	3	30	70	100
				22	300	350	600



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THIRD SEMESTER

Subject Code	Subject	Category of Courses	L-T-P-C	Credit	IA	TEE	Total Marks
OLMCA31	Web Application Framework (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA32	Software Testing (T+L)	Core- Major	3-0-2-4	4	30	70	100
OLMCA33	E-commerce development using WordPress and WooCommerce (T+L)	Core Major	3-0-2-4	4	30	70	100
OLMCA34/35	Cloud computing essentials with Kubernetes / Internet of Things (T+L)	Core-Elective -5	3-0-2-4	4	30	70	100
OLMCA36/37	Machine Learning/ Cyber Forensics (T+L)	Core-Elective -6	3-0-2-4	4	30	70	100
				20	150	350	500

FOURTH SEMESTER

Subject Code	Subject	Category of Courses	L-T-P-C	Credit	IA	TEE	Total Marks
OLMCA41	Internship Embedded Project work & Viva Voce (or) Research work,Dissertation & Thesis	Core- Major	0-0-60-20	20	60	140	200
				20	60	140	200

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c. Duration of the Program

The Programme can be completed in a minimum of 2 years, and a maximum of 2+2 years, as per UGC Regulations.

d. Faculty & Support Staff Requirements

Faculty shall be allocated as per the requirements stipulated in the UGC Regulations & Guidelines for OL and Online, as the following Associate Professor / Assistant Professor: 2 nos.

Support Staff also shall be allocated, as per the guidelines, for the first 5000 students shall be always ensured.



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e. Instruction Delivery Mechanisms

Courses are delivered in a “self-study” mode with learning material in the form of SLM’s, (print form / eBook Form) and Self Assessments being available to the students. Additionally, Personal Contact Programs (PCP’s) in classroom lecture mode at campus and online via recorded lecture / virtual classroom sessions to be provided as per a fixed schedule towards the end of each term for the Distance Education.

For online mode both Synchronous and Asynchronous Instructional methodologies will be adopted in compliance with the UGC guidelines.

f. Instruction Media

Program Instruction shall be delivered using Print SLM, eBook/e SLM, as well as a Personal Contact Program that shall be conducted in classroom mode, as well as broadcast using the internet using virtual classroom platform for students unable to attend physically.

g. Student Support Service Systems

Learner Support Service via Web, Chat, Call Support. Access to counsellors at the Department on University campus. Access to Library resources at the University / Department.


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VI.Procedure for admissions, curriculum transaction and evaluation:

ELIGIBILITY FOR ADMISSION

Eligibility for Admission into Online Programmes MCA are as follows:

S.No.	Programme	Admission Requirements
1.	MCA	Students with any Under Graduate Degree from UGC recognised institutions with 10+2+3 (or) 10+2+4 years of study and those appearing for their final examination (subject to passing) in the prescribed pattern are eligible to apply for MCA programme. (Maths in any level)

- For admission into OL programme other than Indian students stated above, foreign students are also eligible to enrol in this programme.
- Admission Eligibility requirements for OL programmes are the same as programme “MCA” – offered in full time regular (conventional) mode under respective Regulations.
- Eligibility conditions for admission such as class obtained, number of attempts in the qualifying examination and physical fitness will be as prescribed by the university from time to time.

A. PROGRAM DELIVERY – METHOD & TOOLS

Study material, in the form of e-books, shall be provided to each student at the beginning of the year.

A Web based Portal which shall allow the student access to the following

- Admission & Enrolment Details
- Fee Details and Online Fee Payment Gateway
- Prospectus, Regulations & Syllabus
- Notifications (Admissions, fees, examinations etc) ☐ Course List, with completion status and scores /results



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- eBook's / e- Print of SLM's.
- Self-Assessment/Practice Tests (unscored)
- Continuous Assessments /Assignments
- Online Classroom Lectures (Recorded or via Virtual Classroom session) as conducted each semester.
- Online Learners forum, for student-to-student interaction.
- Online Copy of the Grade sheet.

B. DURATION AND STRUCTURE OF PROGRAMME

The minimum and the maximum period for completion of programme will be as follows:

Programme (OL)	Min. No. of Years	Max. No. of Years
MCA	2	4

- This programme is designed to include the following components as prescribed in the respective curriculum:
 - a. Core courses
 - b. Elective courses
 - c. Assignments
 - d. Project work
 - e. Internship
 - f. Research work and Dissertation
- The medium of instruction and examination in the above components are only in English.



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- The curriculum and syllabi of the “MCA” –Online programme shall be as per the guidelines of the UGC / AICTE and approved by the Academic Council of this Institution.
- Each academic year shall normally be for one year which is divided into two semesters. The continuous internal assessments and semester-end examinations shall follow the Academic Calendar and Examination Schedule.
- The curriculum and syllabi of Online programmes “MCA” are the same as curriculum and syllabi of programmes MCA offered in full time regular (conventional) mode under respective regulations.
- The structure for framing assessment patterns and monitoring the teaching learning process of Online programmes “MCA” are the same as for programmes MCA offered in full time regular (conventional) mode under respective regulations.
- The curriculum of “MCA” –Online programmes shall follow the minimum prescribed credits required for the award of the degree as specified in the AICTE guidelines for this programme as given below:

Programmes	Minimum Prescribed Credits
MCA	84

The norms for delivery of courses offered through OL mode are as follows:



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UGC guidelines for academic delivery of courses through ODL and OL mode as per NEP 2020

NORMS FOR DELIVERY OF COURSES THROUGH ODL MODE

S.No	Subject credits	SLM Units(Block pattern)	Study hours of Learner(All inclusive- Practical sessions)	Synchronous - PCP-Theory	No.of Assignments	
1	2	6-10 Units	60 hours	6 hours	1	
	4	14-20 Units	120 hours	12 hours	2	
	6	20-28 Units	180 hours	18 hours	3	
	8	30-34 Units	240 hours	24 hours	4	Project work

C. DELIVERY OF ONLINE MATERIALS

As per UGC guidelines, Learning Materials are delivered through LMS (Learning Management System) platform with 4 Quadrant approach. Unit wise CIA (Continuous internal Assessment) is designed as per Blooms Taxonomy assessment recommendations and conducted online using LMS Platform as per the semester requirement of the course.

Quadrant I: e-Tutorial with audio, animation, simulation and video materials

Quadrant II: Lecture notes in the PDF, video demonstrations, interactive chats, web links, open-source simulators, case studies and role-plays will be provided as per the course needs.

Quadrant III: Discussion Forums, Feedback Forums, Helpdesk for Doubts clearing Sessions for every course unit will be coordinated by the coordinator and conducted by the respective faculties.

Quadrant IV: Self-Assessment like MCQ, Quizzes, Assignments, FAQ on course units, Clarification post assessment discussion forums.



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City Office: GHS Road, MANGALURU-575001, Karnataka State, INDIA

Phone No.:0824-2425966, 2444891,2477866 Fax: 0824-2442766

Email: info@srinivasuniversity.edu.in

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Norms for Delivery of Courses in Online Mode

NORMS FOR DELIVERY OF COURSES THROUGH OL MODE								
S.No	Subject Credits	No. of weeks to cover the syllabus	Interactive sessions(Synchronous & Asynchronous)		Hours of Study Material		Self Study hours including assessments	Total hours of study
			Synchronous (Subject live sessions/webinars/Co unselling)	Asynchronous (Discussion Forums/Mentoring)	AV content	ELM		
1	2	6 weeks	6 hours	12 hours	10 hours	10 hours	22 hours	60 hours
2	4	12 weeks	12 hours	24 hours	20 hours	20 hours	44 hours	120 hours
3	6	14 weeks	14 hours	28 hours	30 hours	30 hours	60 hours	180 hours
4	8	16 weeks	16 hours	32 hours	40 hours	40 hours	80 hours	240 hours

D. ASSESSMENTS AND EXAMINATIONS

- The weightage for different components of assessments for programmes offered through Online mode shall be as under:

a) Formative Assessment (Continuous Internal Assessment) : 30 %.

b) Summative assessment (End Semester Examination) : 70 %

For project work the assessment pattern is as follows:

Review of Project Work		Dissertation & Viva-Voce	
Component	Marks	Component	Marks
First Review	5	Presentation	15
Second Review	10	Content Originality	15
Third Review	15	Study/Model and Analysis	15
		Validity	15
		Findings & Conclusion	15
		Future Scope	10
Total	30		70



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- End Semester Assessment Pattern for Online Learning Mode: The Examinations for online learning mode shall be conducted using the technology-enabled to conduct an online test with all the security arrangements ensuring transparency and credibility of the examinations, or through the Proctored Examination and in conformity with any other norms for such examination as may be laid down by the Commission.
- Appearing for semester-end theory examination for each course is mandatory and a student should secure a minimum of **50% marks for MCA** in each course in semester-end examination for the successful completion of the course.
- The components of continuous assessment for theory and practical courses shall be finalized in the first-class committee meeting.
- For the first attempt of the arrear theory examination, the internal assessment marks scored for a course during the first appearance shall be considered for grading along with the marks scored in the semester-end arrear examination. From the subsequent appearance onwards, full weightage shall be assigned to the marks scored in the semester-end examination to award grades and the internal assessment marks secured during study shall not be considered.


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The procedures followed for awarding marks and fixing grades for Online programmes such “MCA” are the same as for programmes offered in the regular (conventional) mode.

E. PASSING, DECLARATION OF RESULTS AND GRADE SHEET

- All assessments for a course shall be made on an absolute marks’ basis. However, the Class Monitoring Committee without the student members shall meet within 5 days after the End Semester Examination and analyse the performance of students in all assessments of a course and award letter grades. The letter grades and the corresponding grade points for MCA are as follows:

Level	Out standing	Excellent	Very good	Good	Above Average	Average	Poor	Fail
Letter Grade	O	S	A	B	C	D	E	F
Grade Points	10	9	8	7	6	5	4	00
Score (Marks) Range (%)	≥ 90	<90	<80 ≥ 70	<70 ≥ 65	< 65 ≥ 60	< 60 ≥ 55	< 55 ≥ 50	<50



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Marks

Maximum CIA (Continuous Internal Assessment)	30
Maximum TEE (Term End Semester Examinations)	70

- A student who earns a minimum of five grade points, declared to have successfully completed the course. Such a course cannot be repeated by the student for improvement of grade.
- The results, after awarding of grades, shall be signed by the Chairman of the Class Committee and declared by the Controller of Examinations.
- Within one week from the date of declaration of result, a student can apply for revaluation of his / her semester end theory examination answer script for more courses, on payment of prescribed fee to the Controller of Examinations.
- After results are declared, grade report shall be issued to each student, which contains the following details:
 - a. List of courses along with course code enrolled during the semester / arrear courses, if any;
 - b. Marks secured (CIA, TEE & Total);
 - c. Passing Minimum;
 - d. Grade Point Semester Wise Grade Point Average (GPA) of all courses enrolled from first semester onwards, if completed for the semester
 - e. Result
- GPA is the ratio of the sum of the products of the number of credits of courses registered and the grade points courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester.
- The formula for the conversion of CGPA to the equivalent percentage of marks is as follows:



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Grade Point Average (G.P.A.)

$$= \frac{\text{Sum of multiplication of grade points and the credits of the courses (Total Credit Points)}}{\text{Sum of the credits of the courses (passed) in a semester (No. of Credits)}}$$

* G.P.A. and No. of Credits will not be displayed for Students who have not cleared all the courses.

Percentage Equivalent of Marks = CGPA X 10

- After successful completion of the programme, the Degree shall be awarded upon fulfilment of curriculum requirements and classification based on CGPA as follows:

Classification	CGPA
First Class with Exemplary	9.0 CGPA and Above (First Attempt within stipulated Time and no break of study)
First Class with Distinction	7.5 CGPA and Above (First Attempt within stipulated Time and no break of study)
First Class	6 CGPA and Below 7.5 CGPA
Second Class	5.0 and Below 6 CGPA

- For the purpose of classification, the CGPA shall be rounded to two decimal places. For the purpose of comparison of the performance of students and ranking, CGPA will be considered up to three decimal places.

F.POWER TO MODIFY THE REGULATION

Srinivas University's Academic Council has the RIGHT and POWER TO MODIFY any of the above regulations from time to time as per the guidelines.



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VII. Requirement of the laboratory support and Library resources:

Students registered in the Online programme and who desire to avail themselves of library facilities will be permitted to make use of the Exclusive Library earmarked for OL programmes in the University and also, they will be permitted to use the main University Library. Additional online resources are also provided via the Learning Management System, with access to library.

Courses that require Laboratory support shall be provided with online virtual lab and lab simulation tools and software, to allow students to practice accordingly.

VIII. Cost estimate of the programme and the provisions:

The Finance Committee will set aside budgetary provisions towards Programme Development, Programme Delivery, and Programme Maintenance. Once the programmes are operational, fee receipts from the program may be used to cover the same, as per the guidance of the Executive Council. The cost estimate is given in Indian Rupees (INR) for launching three online programmes such as “MCA”

CALCULATION FOR FEE FIXATION Master of Computer Application (MCA)

1. Key Assumptions (Baseline Parameters)

Parameter	Value
Total Sanctioned Students Intake	500
60% Admission	300
Total Programme Duration	2 Years (4 Semesters)
Mode of Delivery	Online
Academic Year Intake	Two Times
Faculty Mix	Senior + Mid-level + Visiting

Gross Revenue from Student Fees

$300 \times ₹60,500 = ₹18150000$

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Total Revenue = ₹1.815 Crores

2. Cost Head Classification

To realistically assess break-even, costs are categorized into:

1. Fixed Costs (Independent of student count)
2. Variable Costs (Per student dependent)
3. Fixed Cost Components (Annualized)

3.1 Academic Human Resources

Component	Qty	Annual Cost (₹)
Professors / Associate Professors	4	38,00,000
Assistant Professors	6	34,00,000
Digital Technical Staff	2	10,00,000
Academic Coordinator / HoD Allowance	1	6,00,000
Subtotal – Faculty Cost		₹ 88,00,000

3.2 Infrastructure & Campus Overheads

Component	Annual Cost (₹)
Classrooms (Maintenance, Utilities)	9,00,000
Computer Digital Library (Hardware AMC)	8,00,000
Electricity & Internet Bandwidth	8,00,000
Housekeeping & Security Allocation	6,00,000
Subtotal – Infrastructure	₹ 31,00,000

3.3 Academic Administration & Compliance

Component	Annual Cost (₹)
Examination & Evaluation (Internal + External)	7,00,000
ERP / LMS	4,00,000
Journals and Online Resources	9,00,000
Accreditation & Regulatory Compliance	3,00,000
Subtotal	₹ 23,00,000

Component	Cost per Student (₹)	Total for 300 Students (₹)
Study Materials / E-Resources	2,000	600000
Lab Consumables & software	1800	540000
Student Support Services	1,000	3,00,000
ID Cards, Records, Certifications	1,000	3,00,000
Total Variable Cost	6,700	₹ 1740000

5. Total Cost Summary (Annualized)

Cost Head	Amount (₹)
Fixed Costs	1,42,00,000
Variable Costs	1740000
Total Annual Operating Cost	1,59,40,000

Total Projected fee per student

Total Projected Fee per student in Indian Rupees.

Total Annual Operation Cost/ No. of expected admissions
=1,59,40,000 / 300
= Rs. 53,133

(Fifty-Three Thousand One Hundred Thirty-Three)

Proposed Fee per Student for the course - 60,500/-



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IX. Quality assurance mechanism and expected program outcomes

- a. Review Mechanism for Programme: A systematic review mechanism is essential to maintain the quality and relevance of the MCA programme. The programme is periodically reviewed by an academic committee consisting of subject experts, faculty members, and industry professionals. Feedback is collected from students, alumni, and employers to assess the effectiveness of the curriculum and teaching methodologies. Based on this feedback, necessary revisions are made to update the course structure, introduce emerging technologies, and improve learning outcomes. Regular internal reviews, academic audits, and meetings of the Board of Studies ensure that the programme continues to meet academic standards and industry expectations.
- b. Course Benchmarking: Course benchmarking involves comparing the MCA curriculum with those offered by reputed universities, professional institutions, and industry standards. This process helps ensure that the programme aligns with national and international academic benchmarks in computer science and information technology. Benchmarking also includes reviewing syllabi, course objectives, teaching methods, and evaluation techniques to maintain competitiveness and quality. By aligning the curriculum with industry certifications, emerging technologies, and best academic practices, the programme ensures that students gain relevant technical knowledge and practical skills required in the IT sector.
- c. Mechanism for Monitoring Effectiveness: To ensure the effectiveness of the programme, continuous monitoring mechanisms are implemented. These include regular evaluation of student performance through assignments, projects, quizzes, and examinations. Faculty performance is also assessed through student feedback and peer reviews. Additionally, the institution tracks key performance indicators such as student progression, placement records, research activities, and project outcomes. Learning Management Systems (LMS) and academic analytics may also be used to monitor student engagement and learning progress. The collected data is analyzed to identify areas for improvement and to ensure that the programme successfully achieves its intended learning outcomes.

The CIQA is striving to bring newer initiatives pertaining to research, campus development, ICT adoption in teaching, providing better focus for the research scholars through workshops, coordinating Academic and Administrative Audit of the University, etc. At the end of every academic year, the University conducts assessment of the curriculum / course/ academic programme by students. The assessment focuses on broad areas like

- 1) reasons for selecting courses,
- 2) facilities available in the Departments,
- 3) quality of the syllabus,
- 4) internal assessment evaluation,



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- 5) quality of the teacher in terms of regularity to classes, command over language, encouragement of students in the classes, completion of syllabus and
- 6) rating of the programme and the Department. This feedback contributes to the academic radar prepared by the CIQA.

Towards the Quality Assurance Mechanism for OL Programs, the University shall establish a Centre for Internal Quality Assurance exclusively for programmes in the Online mode and follow the Quality Assurance Guidelines on learning materials in multiple media, human resources, curriculum and pedagogy, as specified in the UGC OL Regulations.

The CIQA will be required to conduct training and capacity building of teaching and administrative staff and counsellors at regular intervals.

The University IQAC's cell shall work closely with the CIQA to develop Feedback mechanisms, to allow for Program and Process Review on a regular basis. 360 Degree feedback, from Students, Faculty, Counsellors and Admin Staff shall be processed, and suggestions and improvements incorporated accordingly.

The Course shall be benchmarked with the Courses conducted in campus, for full time students, to ascertain the quality. Students' learning outcomes as measured in the exams and test shall be compared on a regular basis.

Post completion of a Degree Program, students will be regularly polled / interviewed using email feedback surveys, to measure impact of the program on their professional and academic lives. These indicators shall be used to constantly improve upon the programs and make them at par industry standards and expectations.



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4. ANNEXURE - DETAILED SYLLABI



Program Structure

Sem	Category	Subject Code	Subject	L-T-P-C	Credit
1	Core- Major	OLMCA11	Linux System Administration	3-0-2-4	4
1	Core- Major	OLMCA12	Advanced Java	3-0-2-4	4
1	AEC	OLMCA13	Entrepreneurship and Startups	3-0-0-3	3
1	Core- Minor	OLMCA14	Introduction To Cyber Security and Cyber law	2-0-2-3	3
1	Core- Elective -1	OLMCA15	Big Data Analytics	3-0-2-4	4
1	Core- Elective -1	OLMCA16	Ethical Hacking	3-0-2-4	4
1	Core- Elective -2	OLMCA17	Statistics For Data Science	3-0-2-4	4
1	Core- Elective -2	OLMCA18	Cloud Architecture	3-0-2-4	4

Sem	Category	Subject Code	Subject	L-T-P-C	Credit
2	Core- Major	OLMCA21	Network Management	3-0-2-4	4
2	Core- Major	OLMCA22	Web Development with JavaScript and ReactJS	3-0-2-4	4
2	Core- Major	OLMCA23	Java Based Application Development with Spring Boot	3-0-2-4	4
2	Core- Minor	OLMCA24	Data Science and Deep Learning with Python	3-0-0-3	3
2	Core- Elective -3	OLMCA25	Network and Web Application Security	3-0-2-4	4
2	Core- Elective -3	OLMCA26	Cyber security and Privacy practices	3-0-2-4	4
2	Core- Elective -4	OLMCA27	Cryptography	3-0-0-3	3
2	Core- Elective -4	OLMCA28	BlockChain Technologies	3-0-0-3	3

Sem	Category	Subject Code	Subject	L-T-P-C	Credit
3	Core- Major	OLMCA31	Web Application Framework (T+L)	3-0-2-4	4
3	Core- Major	OLMCA32	Software Testing (T+L)	3-0-2-4	4
3	Core Major	OLMCA33	E-commerce development using WordPress and WooCommerce (T+L)	3-0-2-4	4
3	Core-Elective 5	OLMCA34	Cloud computing essentials with Kubernetes	3-0-2-4	4
3	Core-Elective	OLMCA35	Internet of Things (T+L)	3-0-2-4	4
3	Core-Elective	OLMCA36	Machine Learning	3-0-2-4	4
3	Core-Elective	OLMCA37	Cyber Forensics (T+L)	3-0-2-4	4

Sem	Category	Subject Code	Subject	L-T-P-C	Credit
4	Core- Major	OLMCA41	Internship Embedded Project work & Viva Voce (or) Research work, Dissertation & Thesis	0-0-60-20	20

SEMESTER I

1. OLMCA11 - Linux System Administration

Attribute	Details
Course Code & Name	OLMCA11 - Linux System Administration (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To provide a foundational understanding of the Linux operating system, its architecture, and command-line interface. • To equip students with the skills to install, configure, and maintain Linux systems. • To introduce user and group management techniques to ensure system security. • To develop the ability to manage Linux services and processes. • To enable students to configure networking in Linux.
Course Outcomes	CO1: Compare and contrast various Linux distributions and install and configure different Linux systems. CO2: Gain proficiency in managing file and directory permissions and using command-line tools to control access. CO3: Install Red Hat Linux, configure essential system settings, manage disk partitions and troubleshoot. CO4: Effectively manage users and groups, delegate administrative privileges securely, and configure authentication. CO5: Use yum for package management, manage services with systemd, and ensure system security.
SLM UNITS(block pattern)	Block 1: Introduction to Linux (12 Hrs) Introduction to Linux Distributions, Open Source Software, File Systems, System Directories, Listing File and Directory Attributes, File Management, File Permissions, Absolute vs Relative Paths, Security Implications, Changing File/Directory Permissions and Ownership. Block 2: Installation of Linux (12 Hrs) Installing Red Hat Linux, Basic Disk Structure, Partitioning Tool, Device name allocation, Unix file system and Mount points, Installing GRUB/LILO, Booting the Installation Program, Disk Partitioning, Disk Druid Window, Firewall Configuration, Setting the root password, Authentication, Package group selection. Block 3: User Management (12 Hrs) Management of users and groups, User Private Group, Shadow passwords, Command Line Tools for Managing Users, The process on command useradd, Creating Group Directories, Gaining Privileges (su and sudo commands). Registering the System, subscription-manager commands, Managing Software Repositories. Block 4: Installation and Management of software (12 Hrs) Yum the Red Hat package manager, Checking For and Updating Packages, Updating Security-Related Packages, Preserving Configuration File Changes, Upgrading the System Off-line, Installing/Removing Packages. Managing Services with systemd, working with systemd Targets, Rescue Mode, Emergency Mode, Shutting Down, Suspending, and Hibernating. Block 5: OpenSSH Protocol (12 Hrs) OpenSSH, SSH Protocol, SSH Features, Event Sequence of an SSH Connection, Authentication, Channels, Configuring OpenSSH, Starting an OpenSSH Server, SSH for Remote Connections, Using ssh, scp, and sftp Utilities, X11 Forwarding, Port Forwarding. Web Servers, Apache HTTP Server, Setting Up Virtual Hosts.
Reference Books	• Maxim Svistunov, Stephen Wadeley. Red Hat Enterprise Linux 7 System Administrator's Guide. • Peter Membrey. The Definitive Guide to CentOS.

Attribute	Details
	• G. Mourani. Securing and Optimizing Linux: RedHat Edition.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	-	-	1	-	-	2	2	-
CO2	3	2	2	3	-	1	2	-	-	2	2	-
CO3	3	3	3	3	1	-	1	-	-	2	2	-
CO4	3	2	2	3	-	1	3	-	-	2	2	-
CO5	3	2	2	3	-	-	2	-	-	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	3	2	-
CO2	2	3	1	1
CO3	2	3	2	-
CO4	2	3	1	2
CO5	2	3	2	1

2. OLMCA12 - Advanced Java

Attribute	Details
Course Code & Name	OLMCA12 - Advanced Java (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To understand how to connect and interact with databases using JDBC API. • To learn to build dynamic web applications using Servlets and handle HTTP requests. • To develop server-side web pages using JSP with session handling. • To implement object-relational mapping and data persistence using Hibernate. • To build modular and secure enterprise applications using the Spring Framework.
Course Outcomes	CO1: Connect Java applications to databases, perform queries, manage transactions, and use advanced features. CO2: Create web applications using servlets, managing client requests, sessions, cookies, and database integration. CO3: Understand JSP technology, create dynamic web pages, handle forms, and utilize built-in and custom tags. CO4: Understand Hibernate configuration, mapping Java objects, querying data, and ensuring

Attribute	Details
	consistency. CO5: Grasp the fundamentals of Spring, dependency injection, AOP, and building secure web applications.
SLM UNITS(block pattern)	Block 1: Java JDBC Concepts (12Hrs) Introduction to JDBC, JDBC Driver types, JDBC database connections, JDBC Statements, PreparedStatement, CallableStatement, ResultSet, JDBC data types, transactions, Batch Processing, Stored Procedure. Block 2: Servlet Aspects (12Hrs) Servlet structure, Life Cycle of a Servlet, Using Tomcat for Servlet Development, The Servlet API Handling Client Request: Form data, HTTP status codes, Handling Cookies, Session tracking, Database Access. Block 3: Overview of JSP (12 Hrs) Overview of JSP Technology, Need of JSP, Advantages of JSP, Life Cycle of JSP Page, JSP Processing, JSP Application Design with MVC, JSP Directives, JSP Action, JSP Implicit Objects, JSP Form Processing, JSP Session and Cookies Handling, JSP Standard Tag Libraries, Custom Tags, Expression Language, Exception Handling. Block 4: Hibernate (12 Hrs) Introduction, Hibernate Configuration, Hibernate Concepts, Hibernate O-R Mapping, Manipulating and Querying, Hibernate Query Language, Criteria Queries, Native SQL, Transaction and Concurrency. Block 5: Spring Framework (12 Hrs) Spring Basics, Spring Container, Spring AOP, Spring Data Access, Spring O-R mapping, Spring Transaction Management, Spring Remoting and Enterprise Services, Spring Web MVC Framework, Securing Spring Application.
Reference Books	• Keogh, J. J2EE: The Complete Reference. Tata McGraw-Hill. • Lindfors, J., & Fleury, M. JMX: Managing J2EE with Java Management Extensions. • Broemmer, D. J2EE Best Practices: Java Design Patterns, Automation, and Performance.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	3	3	2	-	-	-	1	2	2	-
CO2	3	3	3	3	1	1	-	-	2	2	3	-
CO3	3	3	3	3	1	1	-	-	2	2	3	-
CO4	3	3	3	3	2	-	-	-	2	2	3	-
CO5	3	3	3	3	2	1	1	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	-
CO2	3	3	3	1
CO3	3	3	3	1


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CO	PSO1	PSO2	PSO3	PSO4
CO4	3	3	3	-
CO5	3	3	3	1

3. OLMCA13 - Entrepreneurship and Startups

Attribute	Details
Course Code & Name	OLMCA13 - Entrepreneurship and Startups (AEC)
Credits	3 Credits
L-T-P-C	3-0-0-3
Course Objectives	- To instill the foundational concepts of entrepreneurship and the entrepreneurial mindset. - To understand the processes of project planning, location analysis, and feasibility. - To learn about project financing, government regulations, and startup ecosystems.
Course Outcomes	CO1: Recall the main concepts in project planning and entrepreneurship. CO2: Understand project factors and the significance of entrepreneurship. CO3: Apply market research and financial analysis in project planning. CO4: Analyze project location decisions and finance sources. CO5: Assess project plans and finance strategies.
SLM UNITS(block pattern)	BLOCK 1: PROJECT CONCEPTION AND LOCATION (11 Hrs) Introduction to Project Management: Nature, Scope, Process Elements, Significance and Emergence of Projects, Project types. Project Planning. Project Location Analysis: Location of Project Site, Working Conditions, Development Plans of Government, Elements and Factors Affecting Location Decisions. BLOCK 2: PROJECT SELECTION AND FEASIBILITY(11 Hrs) Product and Service Selection: Selection of the Product or Service, Market Research, Product Appraisal, Product Design. Selection and Design Considerations: Factors Affecting the Selection Decision, Choice of Technology, Feasibility. Project Impact Analysis: Effects on Environment, Pollution control, Economic Analysis. BLOCK 3: PROJECT FINANCING AND MANAGEMENT (11 Hrs) Sources of Project Finance: Venture Capital, Angel Investors, Institutional financing, Financial Bootstrapping, Cooperative Societies, Raising Capital from Market. Financial Analysis and Repayment: Cost of Capital, Cost Benefit Analysis, Cash flow Analysis. Project Control and Review. BLOCK 4: ENTREPRENEURSHIP DEVELOPMENT (12 Hrs) Fundamentals of Entrepreneurship: Nature and Importance of Entrepreneurship, Entrepreneurial Environment, Entrepreneur vs. Professional Managers. The Entrepreneurial Journey: Development of Women Entrepreneurs. The Entrepreneurial Ecosystem: Role of Government and Financial Institutions, Challenges and Avenues of Entrepreneurial development.
Reference Books	Standard textbooks on Entrepreneurship and Project Management as recommended by the university.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	2	-	1	1	1	-	1	2	3	-
CO2	2	2	2	-	1	2	2	-	1	2	3	1
CO3	2	3	2	2	3	1	1	-	2	2	3	1
CO4	2	3	2	1	2	1	1	-	2	2	3	1
CO5	2	3	3	2	2	2	1	-	2	2	3	1
CO6	3	3	3	2	2	2	2	-	3	2	3	1

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	-	-	1	3
CO2	-	-	1	3
CO3	-	-	2	3
CO4	-	-	2	3
CO5	-	-	2	3

4. OLMCA14 - Introduction to Cyber Security and Cyber law

Attribute	Details
Course Code & Name	OLMCA14 - Introduction to Cyber Security and Cyber law (Core- Minor)
Credits	3 Credits
L-T-P-C	2-0-2-3
Course Objectives	• To introduce the foundational concepts of cybersecurity, including the CIA Triad. • To familiarize students with global cybersecurity frameworks (ISO, GDPR, NIST). • To enable learners to assess risks, vulnerabilities, and apply risk management. • To impart knowledge on identity/access management and disaster recovery. • To provide a thorough understanding of cyber law and electronic governance.
Course Outcomes	CO1: Understand and apply the principles of the CIA Triad and concepts of authentication, authorization, and privacy. CO2: Demonstrate knowledge of security frameworks (ISO/IEC 27001, HIPAA, PCI DSS) and apply standards to ensure compliance. CO3: Identify threats and vulnerabilities, conduct risk assessments, and calculate metrics (SLE, ALE) to mitigate risks. CO4: Manage identity life cycles, access control, and develop business continuity and disaster recovery plans. CO5: Understand cyber law, electronic governance, penalties, the Cyber Appellate Tribunal, and intermediary liability.
SLM	Block 1: Introduction to Cyber Security (11 Hrs)

Attribute	Details
UNITS(block pattern)	CIA Triad, Identification, Authentication, Authorization, Accounting, Privacy, Data Classification, Threats, Vulnerability, Risk, Organizational Roles, Security Controls (Preventive, Detective, Corrective, Deterrent, Administrative, Technical). Block 2: Cyber Security Standards & Frameworks (12 Hrs) Security Frameworks, Compliance, ISO/IEC 27000 Series, ISO 27001:2013, COBIT, U.S Privacy Laws, HIPAA, PCI DSS, GLBA, GDPR, NIST. Cyber Jurisprudence, Electronic Governance, Penalties Compensation and Adjudication, The Cyber Appellate Tribunal, Cyber Offences, Exemption from liability of intermediary in certain cases, Examiner of Electronic Evidence Block 3: Security Governance and Risk Management (11 Hrs) Policies & Standards, Security Metrics, Identify Threats & Vulnerabilities, Conducting Risk Assessment, Qualitative and Quantitative Risk Analysis, Exposure Factor, Single Loss Expectancy, Annualized Loss Expectancy, Risk Mitigation, Asset Evaluation. Block 4: Security Domains (11 Hrs) Identity & Access Management, Managing Identity Provisioning Life Cycle, Business Continuity Planning, Business Impact Assessment, Disaster Recovery, Personnel Security, Security Awareness, Physical Security.
Reference Books	• Chapple, M. (ISC)2 CISSP Certified Information Systems Security Professional Official Study Guide. • Cannon, D. L. CISA certified information systems auditor study guide. • Messier, R. CEH v10 Certified Ethical Hacker Study Guide.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	1	3	-	1	2	2	2
CO2	3	2	2	2	1	1	3	-	1	2	2	2
CO3	3	3	3	2	3	1	2	-	2	2	2	1
CO4	3	2	3	2	1	2	3	-	1	2	2	1
CO5	3	2	2	1	1	1	3	-	1	2	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	3
CO2	2	1	1	3
CO3	2	2	2	2
CO4	2	2	2	3
CO5	1	1	1	3



Registrar

REGISTRAR

JAIN UNIVERSITY
MANGALORE

Attribute	Details
Course Code & Name	OLMCA15 - Big Data Analytics (Core- Elective -1)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To introduce the fundamental concepts of big data. • To familiarize students with big data technologies and ecosystems. • To enable students to understand the architecture and functioning of distributed computing frameworks. • To cultivate problem-solving skills through practical case studies. • To prepare students for careers in data science and analytics.
Course Outcomes	CO1: Apply normalization techniques to design efficient database schemas and manage database transactions. CO2: Understand and classify various types of data, characteristics of big data, and the analytics flow. CO3: Differentiate between SQL and NoSQL databases, understanding the advantages and industrial applications. CO4: Perform CRUD operations using CQL, manage data with collections, and execute import/export in Apache Cassandra. CO5: Work with MongoDB, utilizing dynamic queries, data storage, replication, and MapReduce operations.
SLM UNITS(block pattern)	Block 1: Database Normalization and Transaction Management (12 Hrs) Introduction to Normalization, Functional Dependencies, Normal Forms (1NF to BCNF). Transaction Processing, ACID properties, serializability, Concurrency Control Techniques (Two-phase locking, timestamp ordering). Block 2: Introduction to Big Data and Analytics (12 Hrs) Classification of Data, Types of analytics, Evolution and Definition of Big Data, Characteristics and Challenges, Domain Specific Examples (Web, Healthcare, IoT). Analytics Flow, Big Data Stack. Block 3: Introduction to NoSQL, Hadoop, and Distributed Data Systems (12 Hrs) NoSQL: Types, Advantages, SQL vs NoSQL. Hadoop: Distributed Computing Challenges, Hadoop Ecosystem, HDFS, YARN, processing data with Hadoop. Block 4: Data Modeling and Management with Apache Cassandra (12 Hrs) Cassandra Features (Gossip, Partitioner, Replication Factor), CQL Data types, Key spaces, CRUD Operations, Collections (Set, List, Map), Time to Live, Import and Export. Block 5: Data Management with MongoDB and MapReduce Framework (12 Hrs) MongoDB: JSON usage, Dynamic Queries, Replication, Sharding, Data types, Query Language. MapReduce: mapper, reducer, combiner, Partitioner, searching, sorting.
Reference Books	• Elmasri, Navathe. Fundamentals of Database Systems. • Seema Acharya. Big Data and Analytics. • Arshdeep Bahga. Big Data Analytics – A Hands-On Approach.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	2	2	-	1	-	1	2	2	-
CO2	3	2	2	2	3	1	-	-	2	2	2	-
CO3	3	2	2	2	2	-	-	-	1	2	2	-

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO4	3	3	3	3	3	1	1	-	2	2	3	-
CO5	3	3	3	3	3	1	1	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	1
CO2	3	1	2	1
CO3	3	1	2	1
CO4	3	3	3	1
CO5	3	3	3	1

6. OLMCA16 - Ethical Hacking

Attribute	Details
Course Code & Name	OLMCA16 - Ethical Hacking (Core- Elective -1)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To introduce the fundamental principles of cybersecurity, ethical hacking methodologies, and legal frameworks. • To equip students with practical skills to set up a virtual hacking lab and utilize Linux-based tools. • To provide a comprehensive understanding of vulnerability assessment and penetration testing (VAPT). • To familiarize students with common, high-impact attack vectors and OWASP Top 10.
Course Outcomes	CO1: Differentiate between hacking and ethical hacking, explain the 5-phase methodology, and describe legal boundaries. CO2: Set up a secure virtualization lab and perform active and passive reconnaissance using tools like Nmap. CO3: Conduct vulnerability assessments using automated tools, analyze findings, and structure penetration testing reports. CO4: Identify common web application vulnerabilities (OWASP Top 10) and recognize social engineering attack types. CO5: Analyze post-exploitation techniques, identify common malware threats, and apply network security practices and basic incident response methods to protect information systems
SLM UNITS(block pattern)	BLOCK 1: Core Concepts and Frameworks Core Concepts in Cybersecurity: Hacking vs. Ethical Hacking. Hacking Methodologies: Types of Hackers, Cyber Kill Chain, 5-Phase Process. Legal and Ethical Frameworks: Responsible Disclosure, IT Act 2000, GDPR. BLOCK 2: Lab Setup and Reconnaissance Lab Virtualization: VirtualBox vs VMware, Kali Linux. Linux Fundamentals: Terminal Commands, Users, Permissions. Reconnaissance and Scanning: Footprinting, OSINT, Nmap,

Attribute	Details
	Zenmap. BLOCK 3: Vulnerability Assessment and Penetration Testing Vulnerability Assessment Concepts: Testing vs Penetration Testing, OpenVAS, Nessus, Burp Suite. Vulnerability Analysis: CVSS & CVE, Reporting. Penetration Testing: Types (Black/White/Grey Box), Red Teaming. BLOCK 4: Web Applications and Social Engineering Web Application Fundamentals: HTTP, Cookies, Burp Suite setup. Web Application Vulnerabilities: OWASP Top 10 (Injection, Broken Access Control, SSRF). Social Engineering: Phishing, Vishing, Tailgating. BLOCK 5: Post-Exploitation and Security Defense Post-Exploitation: Privilege Escalation, Maintaining Access, Covering Tracks. Malware Basics: Virus, Worm, Trojan, Ransomware, Spyware. Network Security: Firewalls, IDS, IPS, VPN. Security Practices: Patch Management, Password Policies, Multi-Factor Authentication. Incident Response: Basics of Incident Response and Digital Forensics.
Reference Books	• Gray Hat Hacking: The Ethical Hacker's Handbook. • CEH v10: Certified Ethical Hacker Study Guide.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	-	1	-	1	3	-	1	2	2	1
CO2	3	3	3	3	2	1	2	-	2	2	3	-
CO3	3	3	3	3	3	2	2	-	2	2	3	-
CO4	3	3	2	3	2	1	2	-	2	2	3	-
CO5	3	3	2	3	2	1	2	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	3
CO2	2	3	2	2
CO3	2	3	3	2
CO4	2	3	2	2
CO5	2	3	3	2

Attribute	Details
Course Code & Name	OLMCA17 - Statistics for Data Science (Core- Elective -2)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To develop an understanding of statistical concepts, central tendency, dispersion, and data visualization. • To introduce principles of probability distributions and the Central Limit Theorem. • To equip skills for constructing and interpreting confidence intervals. • To perform hypothesis testing for means and make data-driven decisions. • To apply linear regression analysis techniques for predictive modelling.
Course Outcomes	CO1: Analyze and summarize data using mean, median, variance, and visualizations. CO2: Explain probability distributions and apply the Central Limit Theorem. CO3: Calculate and interpret confidence intervals for population parameters. CO4: Conduct hypothesis tests for means with known and unknown variances. CO5: Perform simple and multiple linear regression analyses and interpret models.
SLM UNITS(block pattern)	Block 1: Introduction to Statistics (12 Hrs) Population vs sample, Types of data, Visualization techniques, Frequency distribution, histogram, scatter plot, Mean, median, mode, Skewness, Variance, standard deviation, Covariance, Correlation coefficient. Block 2: Probability Distributions and Sampling Theory (12 Hrs) Normal Distribution, Standard Normal Distribution, Central limit theorem, Standard error, Estimators and estimates. Block 3: Statistical Estimation and Sampling Inference (12 Hrs) Definition of confidence intervals, calculating with known variance, z-score, Student's T Distribution, unknown variance, t-score, Margin of error, two means independent/dependent samples. Block 4: Hypothesis Testing and Statistical Decision-Making (12 Hrs) Null vs Alternative, rejection region and significance level, Type I vs Type II error, Test for mean (variance known/unknown), p-value, dependent/independent samples. Block 5: Regression Analysis and Model Interpretation (12 Hrs) Regression fundamentals, Correlation vs causation, linear regression model, R-squared, multiple linear regression, Adjusted R-squared, F-statistic, Assumptions of linear regression.
Reference Books	• Banker, R. D. Maximum likelihood, consistency and data envelopment analysis. • Cielen, D. Introducing data science: big data, machine learning, and more. • Blum, A. Foundations of data science.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	3	3	1	-	-	2	2	2	-
CO2	3	3	2	2	3	-	-	-	1	2	2	-
CO3	3	3	2	2	3	-	-	-	2	2	2	-
CO4	3	3	2	2	3	-	-	-	2	2	2	-
CO5	3	3	3	3	3	-	-	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	-
CO2	3	1	1	-
CO3	3	2	2	-
CO4	3	2	2	-
CO5	3	3	3	-

8. OLMCA18 - Cloud Architecture

Attribute	Details
Course Code & Name	OLMCA18 - Cloud Architecture (Core- Elective -2)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To establish a strong foundation in cloud architecture principles, service models, and the AWS Well-Architected Framework. • To provide understanding of designing scalable compute, storage, and secure network solutions. • To introduce advanced cloud-native patterns like microservices, API gateways, and DevOps. • To develop strategic capabilities in architecting for security, reliability, cost management, and cloud migration.
Course Outcomes	CO1: Compare cloud service and deployment models, and evaluate architectural designs using the Well-Architected Framework. CO2: Design secure, scalable, and cost-effective solutions for compute, storage, database, and networking. CO3: Analyze the trade-offs between monolithic and microservice architectures and design serverless applications. CO4: Develop a comprehensive strategy for cloud migration, governance, security, and disaster recovery. CO5: Analyze cloud monitoring and optimization techniques and evaluate emerging cloud technologies for efficient and secure cloud architecture.
SLM UNITS(block pattern)	BLOCK 1: FOUNDATIONS OF CLOUD ARCHITECTURE (12 Hrs) From Traditional to Cloud Architecture, Cloud Service & Deployment Models (IaaS, PaaS, SaaS). The AWS Well-Architected Framework: Operational Excellence, Security, Reliability, Performance Efficiency, Cost Optimization. BLOCK 2: ARCHITECTING CORE CLOUD INFRASTRUCTURE (12 Hrs) Designing Compute Solutions: VMs, Containers, Serverless. Storage Architecture: Object, Block, File storage. Database Architecture: Relational, NoSQL, Data Warehouses. Designing Network and Connectivity: VPC/VNet Design, Network Security, Hybrid Cloud Architecture. BLOCK 3: DESIGNING CLOUD-NATIVE APPLICATIONS (12 Hrs) Monolith vs. Microservices, API Gateways, Service discovery. Event-Driven and Serverless Architecture. DevOps and Infrastructure as Code (IaC): CI/CD pipelines, Terraform, CloudFormation, Deployment Strategy Design. BLOCK 4: SECURITY, GOVERNANCE, AND MIGRATION (12 Hrs)

Attribute	Details
	Architecting for Security and Compliance: IAM, Data Protection, KMS. Architecting for Reliability and Cost: High Availability, Disaster Recovery Strategies. Cloud Migration and Governance: Cloud Adoption Framework, Migration 6 R's, Governance Model. BLOCK 5: CLOUD MONITORING, OPTIMIZATION AND EMERGING TRENDS (12 Hrs) Monitoring and Logging: Cloud Monitoring Tools, Logging and Alerting. Performance and Cost Optimization: Auto Scaling, Load Balancing, Cost Management. Cloud Security Monitoring: Threat Detection, Security Auditing. Emerging Cloud Technologies: Edge Computing, AI/ML in Cloud, Multi-Cloud and Hybrid Strategies.
Reference Books	Standard textbooks on Cloud Architecture, AWS, and GCP best practices as recommended.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	1	-	1	-	1	2	2	-
CO2	3	3	3	3	2	1	2	-	2	2	3	-
CO3	3	3	3	3	2	1	1	-	2	2	3	-
CO4	3	3	3	3	2	2	3	-	2	2	3	-
CO5	3	3	3	3	2	2	3	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	1
CO2	3	3	3	1
CO3	3	3	3	1
CO4	3	3	3	2
CO5	3	3	3	2

SEMESTER II

9. OLMCA21 - Network Management

Attribute	Details
Course Code & Name	OLMCA21 - Network Management (Core- Major)
Credits	4 Credits

Attribute	Details
L-T-P-C	3-0-2-4
Course Objectives	• Understand and Analyze Layered Models like ISO, TCP/IP. • Understand and Analyze various Network Components. • Understand and Analyze IOS commands and configure CISCO Devices. • Understand various options for a Network Management.
Course Outcomes	CO1: Understand the OSI model and networking devices like repeaters, switches, and bridges. CO2: Configure and manage Virtual LANs (VLANs) and control network traffic. CO3: Use Cisco router commands to configure and troubleshoot routers. CO4: Configure and manage network switches, VLANs, and security features. CO5: Understand and manage router components, including configuration and password recovery.
SLM UNITS (block pattern)	Block 1: Internetworking - Models, Devices and Protocols (12 Hrs) Layered Approaches, OSI Reference Model, Connection-Oriented vs Connection-Less Communication. Devices: Repeaters, Switches, Bridges. Ethernet Networking, Data Encapsulation, Cisco Three-Layer Hierarchical Model, Cabling Cisco Devices. Block 2: Virtual Local Area Network (VLAN) (12 Hrs) Broadcast Control, Security, Static VLANs, Dynamic VLANs, Identifying VLANs, Frame Tagging, Inter-Switch Link (ISL) Protocol, Trunking, Routing between VLANs, VLAN Trunk Protocol (VTP). Block 3: IOS Management Commands (12 Hrs) Cisco Router User Interface, IOS, Connecting to a Cisco Router, Setup Mode, Command-Line Interface, Overview of Router Modes, Setting Passwords, Encrypting Passwords, Router Interfaces, Configuring IP Addresses. Block 4: Managing a Switch (12 Hrs) Connecting to the Console Port, Switch Startup, Configure network device security features, SSH, Configuring Switch Interfaces, Setting IP Information, Configure Port Security, Configure ACLs to filter network traffic. Block 5: Managing a Router (12 Hrs) Cisco Router Components, Router Boot Sequence, Managing Configuration Registers, Recovering Passwords, Viewing and Changing the Configuration, Backing Up and Restoring the Cisco IOS, Erasing the Configuration.
Reference Books	• Network Management Study Material compiled by Prof. Subrahmanya Bhat. • Todd Lammle. CCNA Routing and Switching Study Guide. • Wendell Odom. CCNA Routing and Switching 200-120 Official Cert Guide Library.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	-	-	-	-	2	2	-
CO2	3	3	3	3	1	1	1	-	-	2	3	-
CO3	3	3	3	3	1	-	1	-	1	2	3	-
CO4	3	3	3	3	1	-	2	-	1	2	3	-
CO5	3	3	3	3	1	-	2	-	1	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	1
CO2	3	3	3	1
CO3	3	3	3	1
CO4	3	3	3	2
CO5	3	3	3	2

10. OLMCA22 - Web Development with JavaScript and ReactJS

Attribute	Details
Course Code & Name	OLMCA22 - Web Development with JavaScript and ReactJS (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To introduce modern web development using JavaScript and ReactJS. • To provide hands-on experience with core JS fundamentals and advanced concepts. • To build interactive user interfaces using ReactJS components. • To train in state management, routing, and API integration. • To develop proficiency in deploying and testing full-stack apps.
Course Outcomes	CO1: Understand the basics of JavaScript, including syntax, data types, functions, and arrays. CO2: Apply advanced JavaScript concepts like OOP, asynchronous programming, and DOM manipulation. CO3: Implement common data structures and algorithms in JavaScript. CO4: Create and manage ReactJS components, handle events, and use React hooks. CO5: Build full-stack applications, manage state using Redux/Context API, and test with Jest.
SLM UNITS(block pattern)	Block 1: Introduction to JavaScript and Basics (12 Hrs) History, Setting Up Environment, Syntax, Variables, Operators, Control Flow, Loops, Functions, Arrow Functions, Scope, Arrays, Objects. Block 2: Advanced JavaScript Concepts (12 Hrs) OOP in JS, Prototypes, Classes, Promises, async/await, DOM Manipulation, Event Handling, ES6 Features (Destructuring, Spread, Rest), Blocks. Block 3: JavaScript Data Structures and Algorithms (12 Hrs) Arrays, Stacks, Queues, Linked Lists, Trees, Hash Tables, Sorting Algorithms (Bubble, Merge, Quick), Searching Algorithms, Big O Notation. Block 4: Introduction to ReactJS (12 Hrs) Overview, JSX, Functional vs Class Components, State and Props, Event Handling, Component Lifecycle, Hooks (useState, useEffect). Block 5: Advanced ReactJS Concepts and Building Applications (12 Hrs) React Router, Context API, Redux, Forms and Validation, Integrating Backend APIs, Testing with Jest and React Testing Library.
Reference Books	• David Flanagan. JavaScript: The Definitive Guide. • Marijn Haverbeke. Eloquent JavaScript: A Modern Introduction to Programming.

Attribute	Details
	• Alex Banks and Eve. Learning React: Modern Patterns for Developing React Apps.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	-	-	-	-	2	2	-
CO2	3	3	3	3	1	-	-	-	1	2	3	-
CO3	3	3	3	2	2	-	-	-	1	2	3	-
CO4	3	3	3	3	1	1	-	-	2	2	3	-
CO5	3	3	3	3	2	2	1	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	-
CO2	3	3	3	-
CO3	3	2	3	-
CO4	3	3	3	-
CO5	3	3	3	1

11. OLMCA23 - Java Based Application Development with Spring Boot

Attribute	Details
Course Code & Name	OLMCA23 - Java Based Application Development with Spring Boot (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To understand the basics of Spring Boot, architecture, and project setup. • To build simple applications using REST APIs, JSON handling, and Spring Data JPA. • To implement advanced Spring Boot features like security and actuator. • To design and consume RESTful APIs with JSON processing. • To test, package, and deploy Spring Boot applications.
Course Outcomes	CO1: Understand the fundamentals of Spring Boot, architecture, and project setup. CO2: Develop Spring Boot applications, create REST APIs, handle JSON, and use Spring Data JPA. CO3: Implement security, actuator for monitoring, and command-line applications. CO4: Design and consume RESTful APIs, process JSON, and integrate with Thymeleaf. CO5: Test, deploy, and package Spring Boot applications, including unit testing and deployment.



Attribute	Details
SLM UNITS (block pattern)	Block 1: Introduction to Spring Boot (12 Hrs) Features, Architecture, Spring Initializer, Creating a Project, Components, Database Configuration, Spring Boot View (Thymeleaf). Block 2: Developing Applications with Spring Boot (12 Hrs) Building REST APIs (GET, POST), Handling JSON, Working with Databases (H2/MySQL), Using Spring Data JPA, Basic Validation and Error Handling, Configuration. Block 3: Advanced Topics in Spring Boot Development (12 Hrs) Spring Boot Security Basics, Actuator (Health, Metrics), Working with Templates and Views (Thymeleaf), Command-Line Applications using @CommandLineRunner. Block 4: REST API Development and Integration in Spring Boot (12 Hrs) RESTful Web Services, Consuming APIs using RestTemplate, JSON Processing, Integration with Front-End. Block 5: Spring Boot Application Testing and Deployment Strategies (12 Hrs) Testing (JUnit, Mockito), Integration Tests, Building and Packaging (JAR/WAR), Deployment to Local Server, Cloud Deployment (Heroku, AWS), Logging and Monitoring.
Reference Books	• Mark Heckler. Spring Boot: Up and Running. • Craig Walls. Spring Boot in Action. • John Carnell. Spring Microservices in Action.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	-	-	-	-	-	2	2	-
CO2	3	3	3	3	2	-	-	-	1	2	3	-
CO3	3	3	3	3	1	1	2	-	1	2	3	-
CO4	3	3	3	3	2	1	-	-	1	2	3	-
CO5	3	3	3	3	2	1	1	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	2	-
CO2	3	3	3	-
CO3	3	3	3	1
CO4	3	3	3	-
CO5	3	3	3	1

Attribute	Details
Course Code & Name	OLMCA24 - Data Science and Deep Learning with Python (Core- Minor)
Credits	3 Credits
L-T-P-C	3-0-0-3
Course Objectives	• To understand core Python programming concepts and structures. • To apply advanced Python features like OOP, file handling. • To gain proficiency in data analysis using NumPy and Pandas. • To develop effective visualizations using Seaborn, Plotly, Tableau. • To comprehend and implement deep learning models using TensorFlow or PyTorch.
Course Outcomes	CO1: Understand Python fundamentals, syntax, data types, and control structures. CO2: Apply advanced Python concepts, including functions, OOP, and file handling. CO3: Analyze and preprocess data using Numpy, Pandas, and Matplotlib for EDA. CO4: Use advanced data visualization tools like Seaborn, Plotly, Tableau, and Power BI. CO5: Understand the fundamentals of deep learning, neural networks, CNNs, RNNs, and framework implementation.
SLM UNITS(block pattern)	Block 1: Python Fundamentals (11 Hrs) Setting up Environment, Basic Syntax, Operators, Strings, Data Structures (Lists, Tuples, Sets, Dictionaries), Conditional Statements, Loops. Block 2: Advanced Python Concepts and Applications (11 Hrs) Functions, Lambda, Exception and Error Handling, OOP (Classes, inheritance, polymorphism), Generators, Blocks, Date and Time Handling, Regex, File Handling. Block 3: Data Mining Fundamentals and Core Data Analysis Tools (12 Hrs) Data Mining basics, Challenges, Data Quality, Preprocessing, Numpy Basics, Pandas Basics, EDA using Pandas and Numpy, Matplotlib, Web Scraping, Seaborn, Plotly, Database Access using Python, Data Visualization with Tableau and Power BI. Block 4: Deep Learning (11 Hrs) Introduction to Deep Learning, Basics of Neural Networks (Neurons, Weights, Biases, Activation Functions), Feedforward Neural Networks (FNNs), CNNs, RNNs, Introduction to TensorFlow/PyTorch.
Reference Books	• Al Sweigart. Automate the Boring Stuff with Python. • Jiawei Han. Data Mining: Concepts and Techniques. • Ian Goodfellow. Deep Learning.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	-	-	-	-	2	2	-
CO2	3	3	3	3	1	-	-	-	1	2	2	-
CO3	3	3	3	3	3	-	-	-	2	2	3	-
CO4	3	2	3	3	3	1	-	-	1	2	3	-
CO5	3	3	3	3	3	1	1	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	-
CO2	3	3	3	-
CO3	3	3	3	-
CO4	2	3	3	1
CO5	3	3	3	1

13. OLMCA25 - Network and Web Application Security

Attribute	Details
Course Code & Name	OLMCA25 - Network and Web Application Security (Core- Elective -3)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To establish a strong foundation in core network security principles. • To familiarize students with the architecture of Firewalls, IDS/IPS, and VPNs. • To provide a comprehensive understanding of network attack methodologies. • To introduce the most critical web application vulnerabilities (OWASP Top 10).
Course Outcomes	CO1: Explain the core concepts of Confidentiality, Integrity, Availability, encryption, hashing, and digital signatures. CO2: Differentiate between firewalls and IDS/IPS, and analyze security mechanisms of WPA3 and SSL/TLS. CO3: Demonstrate ability to use tools like Nmap and Wireshark to identify network-layer vulnerabilities. CO4: Identify and describe common web attacks (SQL Injection, XSS) and explain defensive measures. CO5: Analyze security monitoring techniques and apply basic incident response and security management practices to protect network and web applications.
SLM UNITS(block pattern)	BLOCK 1: NETWORK SECURITY FOUNDATIONS (12 Hrs) Security Principles (CIA Triad, AAA Model, Threat Modeling). Core Network Defense (Firewalls, IDS vs IPS, VPNs). Fundamentals of Network Cryptography (Symmetric/Asymmetric Encryption, Hashing, PKI, SSL/TLS). BLOCK 2: NETWORK ATTACKS AND WIRELESS SECURITY (12 Hrs) Reconnaissance and Scanning (Whois, Port Scanning, OS Fingerprinting, Nmap). Network-Layer Attacks (IP Spoofing, ARP Poisoning, Packet Sniffing, DoS/DDoS). Wireless Network Security (WPA3, Rogue APs, Evil Twin, Aircrack-ng). BLOCK 3: WEB APPLICATION SECURITY AND OWASP TOP 10 (PART 1) (12 Hrs) Web Application Architecture and HTTP (Cookies, Sessions). Injection and Data Flaws (SQL Injection, Command Injection, Cryptographic Failures). Authentication and Authorization Flaws (Broken Authentication, IDOR). BLOCK 4: WEB APPLICATION SECURITY AND OWASP TOP 10 (PART 2) (12 Hrs) Cross-Site Vulnerabilities (XSS, CSRF, SSRF). Misconfiguration and Component Flaws. Web

Attribute	Details
	Penetration Testing and Secure SDLC (Burp Suite, OWASP ZAP, CSP, WAF). BLOCK 5: SECURITY MONITORING AND INCIDENT RESPONSE (12 Hrs) Security Monitoring: Log Analysis, SIEM, Security Auditing. Incident Response: Incident Handling Process, Containment and Recovery. Security Management: Risk Assessment, Security Policies and Compliance. Emerging Trends: Zero Trust Security, Cloud and IoT Security Basics.
Reference Books	• Standard textbooks on Network Security and Web Application Security as recommended by the university.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	-	2	-	-	2	2	-
CO2	3	3	3	3	1	-	2	-	1	2	2	-
CO3	3	3	3	3	2	-	2	-	1	2	3	-
CO4	3	3	3	3	2	1	3	-	2	2	3	-
CO5	3	3	3	3	2	1	3	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	1	2	2
CO2	3	2	3	2
CO3	3	3	3	2
CO4	3	3	3	3
CO5	3	3	3	3

14. OLMCA26 - Cyber security and Privacy practices

Attribute	Details
Course Code & Name	OLMCA26 - Cyber security and Privacy practices (Core- Elective -3)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To introduce students to fundamental concepts of cyber security and basic protection mechanisms. • To provide hands-on experience with secure browsing and password management.

Attribute	Details
	- To explore privacy-focused technologies (Tor, Proxy). - To build practical skills in setting up secure email communication. - To train students in cryptographic tools for email encryption.
Course Outcomes	CO1: Learn how to secure computers and data against online threats. CO2: Understand how to browse safely and protect privacy online. CO3: Safely manage and encrypt email communications. CO4: Learn how to create and manage secure passwords. CO5: Gain skills in encrypting emails and using public key encryption.
SLM UNITS(block pattern)	Block 1: Fundamentals of Cyber Security and Device Protection (12 Hrs) Security Basics, Undirected and Directed Threats, End-To-End Encryption, Anti-Virus Software, External Data (USB) threats, Portable Apps. Block 2: Password Management and Secure Browsing (12 Hrs) Password Complexity, Using Keeppassx, Encrypting Passwords. Safe Browsing, Firefox Extensions (Https Everywhere, Adblock Plus, Noscript). Block 3: Privacy and Anonymity Technologies (12 Hrs) Proxy Settings, Foxyproxy. Tor Browser Bundle, Installing and Using Tor for anonymous browsing. Block 4: Email Threats and Secure Email Client Configuration (12 Hrs) E-Mail Safety, Viruses and Spam. Using Thunderbird, Secure Connections (SSL/TLS), DKIM, SPF, DMARC. Block 5: Email Encryption Using PGP and Key Management (12 Hrs) Mail Encryption, Key-Pairs, Installing PGP/GPG, Enigmail, Creating PGP Keys, Encrypting Attachments, Public Key Servers, Revocation Certificates.
Reference Books	- Nina Godbole. Cyber Security Understanding Cyber Crimes. - Mike Shema. Anti-Hacker Tool Kit.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	-	-	2	-	-	2	2	1
CO2	2	2	2	3	-	-	3	-	-	2	2	1
CO3	2	2	3	3	-	1	3	-	1	2	2	-
CO4	2	2	2	3	-	-	2	-	-	2	2	-
CO5	3	3	3	3	-	1	3	-	1	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	3
CO2	2	3	1	3
CO3	2	3	2	3
CO4	1	3	1	2

CO	PSO1	PSO2	PSO3	PSO4
CO5	2	3	2	3

15. OLMCA27 - Cryptography

Attribute	Details
Course Code & Name	OLMCA27 - Cryptography (Core- Elective -4)
Credits	3 Credits
L-T-P-C	3-0-0-3
Course Objectives	• Understand the basics and history of cryptography. • Learn different encryption and decryption techniques. • Explore symmetric and asymmetric key methods. • Study key generation, distribution, and management. • Apply cryptography in real-world security systems.
Course Outcomes	CO1: Learn the basics of cryptography, including encryption and decryption techniques. CO2: Understand how symmetric and asymmetric encryption methods work. CO3: Grasp the concepts of PKI, including managing cryptographic keys and certificates. CO4: Explore how cryptography is used to secure data transmission over networks. CO5: Learn about hashing algorithms and digital signature techniques.
SLM UNITS(block pattern)	Block 1: Cryptography and its History (11 Hrs) Cipher Text, Encryption, Decryption, Caesar Cipher, Substitution Cipher, Transposition Ciphers, Block Ciphers, Cryptographic Keys, Symmetric/Asymmetric Cryptography. Block 2: Symmetric Keys (12 Hrs) Symmetric Algorithms, Data Encryption Standard (DES), Electronic Code Book Mode, Cipher Block Chaining Mode, Cipher Feedback Mode, Triple DES, IDEA, Advanced Encryption Standard (AES), RSA, El Gamal, Hashing, SHA, MD2, MD4, MD5, Digital Signatures, HMAC, Digital Signature Standard. Block 3: Public Key Infrastructure (11 Hrs) PKI, Creation and Distribution of Symmetric Keys, Asymmetric Key Management, Diffie-Hellman, Key Escrow, Certificates, Certificate Authorities, OCSP. Block 4: Trusted Platform Block (11 Hrs) Trusted Platform Block, PGP, S/MIME, SSL, TLS, HTTPS, Steganography, Digital Rights Management, Cryptographic Attacks.
Reference Books	• Gisin, N. et al. Quantum cryptography. • Delfs, H. Introduction to cryptography. • Salomaa, A. Public-key cryptography.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	-	-	-	-	1	-	-	2	1	-
CO2	3	3	2	2	1	-	2	-	-	2	2	-

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C03	3	3	3	2	1	-	2	-	-	2	2	-
C04	3	3	3	3	2	1	3	-	1	2	3	-
C05	3	3	3	3	2	-	3	-	1	2	2	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
C01	3	1	1	1
C02	3	2	2	1
C03	3	2	2	2
C04	3	3	3	3
C05	3	2	3	2



16. OLMCA28 - BlockChain Technologies

Attribute	Details
Course Code & Name	OLMCA28 - BlockChain Technologies (Core- Elective -4)
Credits	3 Credits
L-T-P-C	3-0-0-3
Course Objectives	• To introduce the fundamental concepts of blockchain, its history, and Bitcoin. • To provide a deep understanding of cryptographic foundations and consensus mechanisms. • To equip students with practical skills for developing smart contracts using Solidity. • To explore the blockchain ecosystem, DApps, use cases, and Web3.
Course Outcomes	CO1: Explain the core principles of blockchain, including decentralization, hashing, and Merkle trees. CO2: Compare and contrast different consensus protocols (PoW vs PoS). CO3: Develop, compile, and deploy a basic smart contract on Ethereum using Solidity. CO4: Analyze security vulnerabilities of blockchain and evaluate applications in various sectors. CO5: Evaluate blockchain security challenges and emerging trends such as regulation, Layer 2 solutions, CBDCs, and Web3 technologies.
SLM UNITS(block pattern)	BLOCK 1: Introduction and Key Concepts (11 Hrs) Introduction to Blockchain and Cryptocurrency: Overview, history, Bitcoin basics. Key Concepts of Blockchain: Decentralization, mining, hashing, digital signatures, consensus mechanism. BLOCK 2: Cryptography and Consensus (11 Hrs) Cryptographic Foundations: Public key cryptography, hash functions, Merkle trees. Consensus Protocols: Proof-of-Work, Proof-of-Stake, DPoS, Byzantine fault tolerance. Ethereum and Smart Contracts: Ethereum overview, EVM, gas fees. BLOCK 3: Smart Contracts and Applications (12 Hrs) Developing Smart Contracts: Introduction to Solidity, writing and deploying smart contracts. Decentralized Applications: DApps, permissioned vs permissionless. Blockchain Platforms and Use Cases: Bitcoin, Ethereum, Hyperledger, supply chain, DeFi, NFTs. BLOCK 4: Security and Future Trends (11 Hrs) Security and Challenges: Blockchain scalability, attacks (51%, Sybil), interoperability. Future Trends: Regulation and compliance, Layer 2 solutions, CBDC, Web3.
Reference Books	• Standard textbooks on Blockchain Technologies, Ethereum, and Smart Contracts as recommended.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	1	-	1	-	1	2	2	-
CO2	3	3	2	2	2	-	1	-	1	2	2	-
CO3	3	3	3	3	2	1	2	-	2	2	3	-
CO4	3	3	3	2	2	1	3	-	2	2	3	-
CO5	3	3	3	2	2	1	3	-	2	2	3	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	3	1	2	1
CO2	3	1	2	1
CO3	3	3	3	2
CO4	3	2	3	3
CO5	3	2	3	3

SEMESTER III

17. OLMCA31 - Web Application Framework

Attribute	Details
Course Code & Name	OLMCA31 - WEB APPLICATION FRAMEWORK (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• Set up and use the Node.js development environment, including installation and working with tools like NetBeans IDE. • To understand and use basic Node.js concepts and Blocks, and manage packages with Node Package Manager (NPM). • Build and debug Node.js applications, handle HTTP requests, work with files, manage events, and connect to databases. • Develop secure and scalable web applications using Express.js and RESTful APIs with routing, middleware, file handling, and authentication.
Course Outcomes	CO1: To set up and configure the Node.js development environment, including installation, working in REPL, and using the Node.js console and NetBeans IDE. CO2: To understand and apply basic Node.js concepts, such as primitive types, object literals, functions, buffers, and accessing the global scope. CO3: To effectively use Node.js Blocks, including core, local, and third-party Blocks, and create custom Blocks to enhance application functionality. CO4: To utilize the Node Package Manager (NPM) for installing, updating, and managing project dependencies both locally and globally. CO5: Develop web applications and RESTful APIs using the Express framework in Node.js and implement basic authentication and security mechanisms.
SLM UNITS(block pattern)	Block 1: Introduction to Node.js (12 Hrs) Features and advantages of Node JS, Traditional Web Server Model, Node.js Process Model, Asynchronous programming with Node.js, Types of applications that can be developed using Node.js. Setup Development Environment: Install Node.js on Windows, working in REPL, Node JS Console, Creating a Node File with JavaScript, Accessing a Node.js File Through the Command Line Interface, Using Node.js in Net-Beans IDE. Block 2: Node.js Blocks and Package Manager (12 Hrs) Node.JS Basics: Primitive Types, Object Literal, Functions, Buffer, Access Global Scope. Node.JS Blocks: Block, Block Types: Core Blocks, Local Blocks, Third Party Blocks, Block

Attribute	Details
	Exports. Using Blocks in a Node.js File, Using the Built in HTTP, URL, Query String Block, Creating a Custom Block. Node Package Manager: NPM, Installing Packages Locally, Adding dependency in package.json, Installing packages globally, Updating packages. Block 3: Web servers and Debugging applications (12 Hrs) Creating Web Server: Handling HTTP requests, Sending requests. File System: Reading, Writing a File, Writing a file asynchronously, Opening a file, deleting a file, Other IO Operations: Append, Rename, Truncate. File System Block with URL Block Create, Read, Remove a Directory. Debugging Node JS Application: Core Node.js debugger, Node Inspector, Built-in debugger in IDEs. Block 4: Events and Database Connectivity (12 Hrs) Events: EventEmitter class, Methods and Events of EventEmitter Class, returning event emitter, Extend EventEmitter Class, Passing Arguments and 'this' to listeners, Asynchronous and Synchronous call, handle Events only Once, Error Events. Database Connectivity: Connection string, Configuring, Working with insert, select command, Updating records, Deleting records, Drop tables, Ordered Result Set. Block 5: Express, Node.js and Restful API (12 Hrs) Express and Node JS: Introduction to Express Framework, Express Server Request-Response Routes, Route Parameters, Multiple Route Callback/Handler Functions, Methods of Response Object, Chaining Route Handlers, Send Static Files, Accept User Input, File Upload with Express, Manage Cookies, Send file as a response, Templates and Express. RestFul API: What is REST, Install PostMan, Get all articles, Post a new article, Delete request, Make a specific Get request, put operation on a specific record, patch request, deleting a specific record. Authentication and Security: Introduction, register and login, encryption, cookies and session.
Reference Books	• David Herron, Node.js Web Development, 7th Edition, Packt Publishing. • Brad Dayley & Brendan Dayley, Node.js, MongoDB and Angular Web Development, 2nd Edition. • Dhruti Shah, Node.JS Guidebook, BPB Publications. • Basarat Ali Syed, Beginning Node.js, A press.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1	2	-	3	1	-	-	-	2	2
CO2	3	3	3	3	2	3	2	-	-	-	2	3
CO3	3	3	2	2	-	3	1	-	-	-	2	2
CO4	3	3	3	3	2	3	2	-	-	-	2	2
CO5	3	3	3	3	2	3	2	-	-	-	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	2	1	-
CO2	3	2	2	-
CO3	2	2	1	-

CO	PSO1	PSO2	PSO3	PSO4
CO4	3	2	2	-
CO5	3	2	2	-

18. OLMCA32 - Software Testing

Attribute	Details
Course Code & Name	OLMCA32 - SOFTWARE TESTING (Core- Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To understand the fundamentals of software quality, key quality factors, and the components of Software Quality Assurance (SQA) systems. • To explore how quality assurance activities are integrated throughout the software project lifecycle, including various testing and review strategies. • To implement software testing techniques, design effective test cases, and analyze the role of automation tools and CASE tools. • To examine the infrastructure components that support software quality, such as documentation, training, certification, and corrective measures. • To apply software quality metrics, understand the cost of quality, and explore the basics of automated testing using Selenium WebDriver.
Course Outcomes	CO1: To understand the challenges of software quality and the role of management in ensuring software quality assurance (SQA). CO2: To identify and implement pre-project software quality components, including contract review and development of quality plans. CO3: To integrate quality activities throughout the project life cycle, utilizing various testing strategies such as Black Box and White Box testing. CO4: To execute the software testing process effectively, including test case design, automated testing, and ensuring the quality of external contributions. CO5: To apply software quality infrastructure components, including staff training, corrective actions, and documentation control, and understand the impact of CASE tools.
SLM UNITS (block pattern)	BLOCK 1: Foundations of Software Quality and Assurance (12 Hrs) Introduction to software Quality and Assurance: The software quality challenge, Software quality, Software quality factors, Management and its role in software quality assurance. Components of SQA: The components of the software quality assurance system – overview. Pre-project Software Quality Components: Contract review, Development and quality plans. BLOCK 2: SQA Integration and Testing Strategies (12 Hrs) SQA Components in the Project Life Cycle and Strategies: Integrating quality activities in the project lifecycle, Reviews, Software testing– strategies, BlackBox Testing and WhiteBox Testing. BLOCK 3: Test Implementation and Automation Tools (12 Hrs) Software Testing –Implementation: The Testing Process, Test Case Design, Automated Testing, Testing Life Cycle, Software Quality Implementation, Assuring the quality of software maintenance components, Assuring the quality of external Participants’ contributions, CASE tools and their effect on software Quality. BLOCK 4: Software Quality Infrastructure and Support Systems (12 Hrs) Software Quality Infrastructure Components: Procedures and work instructions, Staff training and certification, Corrective and preventive actions, Documentation control. BLOCK 5: Software Quality Metrics and Automation with Selenium (12 Hrs)



Attribute	Details
	Software Quality Metrics: Software Quality metrics, Cost of Quality. Introduction to Selenium, Selenium WebDriver, Selenium WebDriver Architecture, Selenium Test Life Cycle.
Reference Books	• Kshirsagar Naik and Priyadarshi Tripathy, Software Testing & Quality Assurance- Theory and Practice, Wiley Student edition. • William E. Perry, Effective Methods for Software Testing, WILEY, 3rd Edition. • Alan C. Gillies, Software Quality: Theory and Management, International Thomson Computer Press. • M G Limaye, Software Testing, Tata McGraw-Hill Education.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	2	2	2	-	1	-	-	-	2	2
CO2	2	2	3	3	3	-	2	-	-	1	2	3
CO3	2	3	3	3	3	1	2	-	-	1	3	3
CO4	2	3	3	3	3	1	3	-	-	2	3	3
CO5	2	3	3	2	3	-	2	-	-	1	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	-	1	3
CO2	3	-	1	3
CO3	3	1	2	3
CO4	3	1	2	3
CO5	3	-	2	3

19. OLMCA33 - E-Commerce Development using WordPress and WooCommerce

Attribute	Details
Course Code & Name	OLMCA33 - E-COMMERCE DEVELOPMENT USING WORDPRESS AND WOOCOMMERCE (Core Major)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To provide a comprehensive understanding of E-Commerce frameworks. • To familiarize students with the technological infrastructure. • To introduce the fundamentals of Content Management Systems (CMS). • To provide practical exposure to content creation, media management, and SEO optimization. • To encourage students to create dynamic and interactive websites.

Attribute	Details
Course Outcomes	CO1: Demonstrate the development of an E-Commerce website design and implementation. CO2: Demonstrate the WordPress dashboard design and general settings. CO3: Design and implement the enhanced web application and Security system in WordPress Software. CO4: Illustrate the use of the WooCommerce application to optimize the shopping experience. CO5: Demonstrate the WooCommerce application in the sales process and reporting process used to E-Commerce.
SLM UNITS (block pattern)	BLOCK 1: Introduction to E-Commerce and CRM Systems (12Hrs) Introduction to E-commerce: Electronic commerce of definitions and concepts– E-commerce Application - E-commerce vs E-business, advantages and disadvantages of E-commerce, Types of E-commerce in real world, Different E-commerce Platform, E-commerce: Business Models and Concepts, Security in E-commerce, Electronic Marketplaces, CRM: meaning, types of CRM, benefits and limitations of CRM, issues in CRM implementation, classifications of CRM applications, one-to-one marketing. BLOCK 2: WordPress Fundamentals: Settings, Posts, Media & Categories (12 Hrs) Introduction to WordPress software: Features – Advantages and Disadvantages – System requirements for WordPress – Dashboard – General Setting - Writing Settings – Discussion Settings - Categories: Add categories, edit categories, delete categories, arrange categories. Post: Add post, edit post, delete post, Preview post, publish post. Media: Media library, add media, insert media, Edit media. BLOCK 3: WordPress Pages, Plugins, User Roles & Site Security (12 Hrs) WordPress Pages: Add page, publish page, edit page, delete page. Tags: Add Tags, Edit Tags, Delete Tags. Links: Add link, delete link. Comments: Add comments, edit comments, Moderate comments. Plugins - User Roles – Appearance – Performance and Security: Backup the databases and files – Changing the database table prefix- Caching- Compression – Garbage collection – Security logs – SSL and SEO. BLOCK 4: Introduction to WooCommerce: Features, Setup, and Configuration (12 Hrs) WooCommerce: WooCommerce - advantages and disadvantages - Pros and Cons – Features – Setting up WooCommerce – Products settings tab – Tax settings tab – Checkout setting tab - Shipping settings tab – Accounts settings tab – Email settings tab – Setting up product categories - General data – Inventory data – Shipping data – Advanced data. BLOCK 5: Advanced Product and Order Management in WooCommerce (12 Hrs) Product Management in WooCommerce: Simple Products - Grouped Products - External/Affiliate Products - Variable Products – Virtual and Downloadable Products - Payment methods – Shipping methods – Shipping classes – WooCommerce themes – Sales orders – Sales reports – Customer reports – Stock reports – Tax reports.
Reference Books	• Efraim Turban, Judy Whiteside, David King. Introduction to Electronic Commerce and Social Commerce. Springer. • Tris Hussey. WordPress Absolute Beginner's Guide. Que Publishing. • Stephanie Leary. WordPress for Web Developers. A Press Publishing. • Robbert Ravens Bergen. Building ECommerce Solutions with WooCommerce. PACKT.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	1	2	3	1	2	-	-	-	2	2
CO2	3	3	2	1	-	1	2	-	-	-	2	2
CO3	3	2	1	-	-	2	2	-	-	-	2	1
CO4	2	3	3	3	3	2	3	-	-	1	3	3

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO5	2	2	2	2	3	1	2	-	-	1	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	2	1	1	1
CO2	1	-	1	-
CO3	1	2	1	-
CO4	2	1	2	1
CO5	2	1	2	1

20. OLMCA34 - Cloud Computing Essentials with Kubernetes

Attribute	Details
Course Code & Name	OLMCA34 - CLOUD COMPUTING ESSENTIALS WITH KUBERNETES (Core- Elective -5)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To explain fundamental concepts, architecture, and global infrastructure of cloud computing using AWS as a foundational platform. • To demonstrate the configuration and management of cloud-based resources such as compute, storage, databases, and IAM services in AWS. • To illustrate the deployment and integration of applications using Google Cloud Platform (GCP) services including compute, storage, and networking. • To implement container orchestration, service exposure, and scaling strategies using Kubernetes in cloud-native environments. • To evaluate cloud architecture designs, monitor usage, and estimate service costs using AWS account management, billing tools, and best practices.
Course Outcomes	CO1: To understand and navigate the AWS Management Console, enabling the identification and utilization of core AWS services and their global infrastructure. CO2: To effectively implement and manage AWS Identity and Access Management (IAM) policies, roles, and security best practices. CO3: To deploy, manage, and scale applications using AWS compute services like EC2 and Lambda, and implement appropriate storage solutions such as EBS, EFS, and S3. CO4: To comprehend and utilize Google Cloud Platform's core services, including compute, storage, networking, and database offerings. CO5: To deploy, update, and scale containerized applications using Kubernetes, understanding its architecture and core concepts like pods, services, and volumes.
SLM UNITS(block pattern)	Block 1: Cloud Computing Concepts and AWS Fundamentals ((12 Hrs) Introduction to Developing on AWS and Global Infrastructure: Introduction to cloud computing, Advantages of the cloud, Introduction to AWS, moving to the AWS Cloud, AWS Global Infrastructure, AWS Services, and Service category, AWS management console click-through, and AWS Architecture. Block 2: IAM, Compute Services, and AWS Storage Tools ((12 Hrs)

Attribute	Details
	Identity and Access Management & Security: IAM Introduction, IAM Users & Groups, IAM Policies, AWS Access Key, CLI & SDK, IAM Roles, Security Tools, Shared Responsibility Model for IAM. Root user privileges, Secrets Manager Overview. Compute, Storage, Database, Analytics & Deployment: Compute: EC2 Basics, EC2 Instance Types, Security Groups, SSH, Serverless & AWS Lambda Overview. Storage: EBS Overview, AMI Overview, EBS Snapshot, EFS, AWS S3 Overview. Database & Analytics: RDS & Aurora Overview, DynamoDB, Redshift. Load Balance & Auto Scaling. Block 3: Cloud Application Development on GCP ((12 Hrs) Google Cloud Platform (GCP): Introduction to GCP: History, unique features. Understanding GCP Architecture: Core components including compute, storage, networking, and database services. GCP Compute Services: Google Compute Engine, Google Kubernetes Engine, App Engine, Cloud Functions. GCP Storage and Database Services: Google Cloud Storage, Cloud SQL, Bigtable. GCP Networking Services: VPC, Cloud Load Balancing, Cloud CDN. Block 4: Kubernetes for Container Management ((12 Hrs) Kubernetes: Introduction to Kubernetes, automating deployment, scaling, and management of containerized applications. Understanding Kubernetes Architecture: Master and node components, pods, services, and volumes. Deploying Applications with Kubernetes. Working with Kubernetes Services. State Persistence in Kubernetes: Volumes and Persistent Volume Claims. Block 5: Cloud Cost Management and Architecture Best Practices ((12 Hrs) Account Management, Billing and Architecting: Organizations Overview, Billing: Pricing Models, Compute Optimizer, Billing and Costing Tools, Estimating Costs in the Cloud, Saving Plans Tracking and Monitoring Costs in the Cloud. AWS Architecting: AWS Well-Architected Frameworks, 6-Pillars.
Reference Books	• Rajkumar Buyya, James Broberg and Andrzej M. Goscinski, Cloud computing: Principles and Paradigms, John Wiley & Sons. • Michael Miller, Cloud Computing: Web-Based Applications That change the way You Work and Collaborate Online, Pearson Education. • Kumar Saurabh, Cloud Computing, Wiley Pub.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	1	-	2	2	1	1	2	1	2	2
CO2	2	3	2	-	2	3	2	1	2	2	3	3
CO3	2	2	2	-	2	3	2	1	2	2	2	2
CO4	2	3	3	2	3	3	3	1	2	2	3	3
CO5	2	3	3	2	3	3	3	1	2	2	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1
CO2	1	2	1	1
CO3	1	2	1	1
CO4	2	3	2	1

CO	PSO1	PSO2	PSO3	PSO4
CO5	2	3	2	1

21. OLMCA35 - Internet of Things

Attribute	Details
Course Code & Name	OLMCA35 - INTERNET OF THINGS (Core- Elective -5)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	• To introduce the fundamental concepts, architecture, and building blocks of the Internet of Things (IoT). • To understand IoT communication models, networking protocols, and enabling technologies. • To provide knowledge of sensors, actuators, IoT hardware platforms, and interfacing techniques. • To develop skills in designing, building, and deploying IoT applications for real-world problems. • To make students aware of IoT security, privacy issues, and future research directions in the IoT ecosystem.
Course Outcomes	CO1: To understand the fundamentals of IoT, including its genesis, impact, and the convergence of IT and IoT, and to identify the challenges and drivers behind IoT network architecture and design. CO2: To recognize and work with various smart objects, sensors, actuators, and sensor networks, and understand the criteria for connecting smart objects using different IoT access technologies. CO3: To comprehend the role of IP as the network layer for IoT, optimize IP for IoT applications, and understand various application protocols and transport methods used in IoT. CO4: To gain hands-on experience with IoT physical devices such as Arduino UNO, including software installation, programming fundamentals, and practical applications. CO5: To develop skills in using Raspberry Pi for IoT applications, including hardware configuration, programming with Python, and implementing a wireless temperature monitoring system, and understand the architecture and security aspects of smart cities.
SLM UNITS (block pattern)	Block 1: Introduction to IoT ((12 Hrs) What is IoT, Genesis of IoT, IoT and Digitization, IoT Impact, Convergence of IT and IoT, IoT Challenges, IoT Network Architecture and Design, Drivers Behind New Network Architectures, Comparing IoT Architectures, A Simplified IoT Architecture, The Core IoT Functional Stack, IoT Data Management and Compute Stack Block 2: Smart Objects ((12 Hrs) Smart Objects: The “Things” in IoT, Sensors, Actuators, and Smart Objects, Sensor Networks, Connecting Smart Objects, Communications Criteria, IoT Access Technologies. Block 3: IoT Software and Data Processing ((12 Hrs) IP as the IoT Network Layer, The Business Case for IP, The need for Optimization, Optimizing IP for IoT, Profiles and Compliances, Application Protocols for IoT, The Transport Layer, IoT Application Transport Methods. Block 4: IoT Application Development ((12 Hrs) Data and Analytics for IoT, An Introduction to Data Analytics for IoT, Machine Learning, Big Data Analytics Tools and Technology, Edge Streaming Analytics, Network Analytics, Securing IoT, A Brief History of OT Security, Common Challenges in OT Security, How IT and OT Security Practices and Systems Vary, Formal Risk Analysis Structures: OCTAVE and FAIR, The Phased Application of Security in an Operational Environment.



Attribute	Details
	Block 5: Security, Privacy, and Future Trends ((12 Hrs) IoT Physical Devices and Endpoints - Arduino UNO: Introduction to Arduino, Arduino UNO, Installing the Software, Fundamentals of Arduino Programming. IoT Physical Devices and Endpoints RaspberryPi: Introduction to RaspberryPi, About the RaspberryPi Board: Hardware Layout, Operating Systems on RaspberryPi, Configuring RaspberryPi, Programming RaspberryPi with Python, Wireless Temperature Monitoring System Using Pi, DS18B20 Temperature Sensor, Connecting Raspberry Pi via SSH, Accessing Temperature from DS18B20 sensors, Remote access to RaspberryPi, Smart and Connected Cities, An IoT Strategy for Smarter Cities, Smart City IoT Architecture, Smart City Security Architecture, Smart City Use-Case Examples.
Reference Books	1 Ashton, K. (2009). That ‘internet of things’ thing. RFID journal, 22(7), 97-114. 2 Da Xu, L., He, W., & Li, S. (2014). Internet of things in industries: A survey. IEEE Transactions on industrial informatics, 10(4), 2233-2243. 3 Ray, P. P. (2018). A survey on Internet of Things architectures. Journal of King Saud University- Computer and Information Sciences, 30(3), 291-319. 4. Atzori, L., Iera, A., & Morabito, G. (2010). The internet of things: A survey. Computer networks

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	1	1	-	2	2	1	1	2	1	2	2
CO2	2	3	2	-	2	3	2	1	2	2	3	3
CO3	2	2	2	-	2	3	2	1	2	2	2	2
CO4	2	3	3	2	3	3	3	1	2	2	3	3
CO5	2	3	3	2	3	3	3	1	2	2	3	3

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	1	1	1	1
CO2	1	2	1	1
CO3	1	2	1	1
CO4	2	3	2	1
CO5	2	3	2	1

22. OLMCA36 - Machine Learning

Attribute	Details
Course Code & Name	OLMCA36 - MACHINE LEARNING (Core- Elective -6)
Credits	4 Credits

Attribute	Details
L-T-P-C	3-0-2-4
Course Objectives	- To introduce the theoretical foundations and practical techniques of machine learning. - To enable students to use modern machine learning tools for data analysis and modeling. - To train students in evaluating, selecting, and optimizing machine learning models. - To provide exposure to both supervised and unsupervised learning paradigms. - To explore neural networks and deep learning as advanced ML approaches.
Course Outcomes	CO1: To learn the basics of machine learning, its types, and how it compares to human learning, along with practical tools and applications. CO2: To understand and perform key machine learning tasks like data pre-processing, model selection, training, evaluation, and improving model performance. CO3: To become skilled in feature engineering techniques and understand the significance of Bayesian methods in concept learning. CO4: To master supervised learning methods such as classification and regression, including common algorithms and their practical applications. CO5: To gain proficiency in neural network architectures, learning mechanisms like backpropagation, and foundational deep learning concepts for solving complex real-world problems.
SLM UNITS (block pattern)	Block 1: Introduction to Machine Learning (12 Hrs) Human learning versus machine learning, types of machine learning, applications of machine learning, tools for machine learning, Machine Learning Activities, Data structures for machine learning, Data Pre-processing, selecting a model, training a model, model representation and interpretability, evaluating performance of a model, improving performance of a model. Block 2: Feature Engineering & Bayesian Learning (12 Hrs) Feature Engineering, Bayesian Concept Learning: Introduction to feature engineering, feature transformation, feature subset selection, Importance of Bayesian methods, Bayes' theorem, concept learning through Bayes' theorem, Bayesian Belief Network. Block 3: Supervised Learning (12 Hrs) Supervised Learning – Classification, Regression: Example of supervised learning, classification model, classification learning steps, common classification algorithms, example of regression, common regression algorithms. Block 4: Unsupervised Learning (12 Hrs) Unsupervised Learning – Clustering, pattern finding using association rules: Unsupervised learning versus supervised learning, applications of unsupervised learning, clustering and its types, Apriori algorithm for association rule learning. Block 5: Neural Networks & Deep Learning (12 Hrs) Neural Network: Understanding the biological neuron, exploring artificial neuron, types of activation functions, early implementation of artificial neural network, architectures of neural network, learning process in artificial neural network, backpropagation, Overview of Deep Learning.
Reference Books	- Alpaydin, E. (2021). Machine Learning. MIT Press. - Mohri, M., Rostamizadeh, A., & Talwalkar, A. (2018). Foundations of Machine Learning. MIT Press. - Jordan, M. I., & Mitchell, T. M. (2015). Machine Learning: Trends, Perspectives, and Prospects. Science.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	-	-	-	-	-	1	1	1	2	2
CO2	3	2	-	-	-	1	1	1	2	2	2	2

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO3	3	2	-	-	1	1	1	1	2	2	2	2
CO4	3	2	1	-	1	1	1	2	2	2	2	2
CO5	3	2	1	-	1	1	1	1	2	2	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	-	-	-	2
CO2	-	-	1	2
CO3	-	-	1	2
CO4	-	-	1	2
CO5	1	-	1	3

23. OLMCA37 - Cyber Forensics

Attribute	Details
Course Code & Name	OLMCA37 - CYBER FORENSICS (Core- Elective -6)
Credits	4 Credits
L-T-P-C	3-0-2-4
Course Objectives	● Introduce students to the world of cybercrimes and digital evidence. ● Teach the fundamentals of computer and network forensics. ● Explain how to identify, collect, preserve, and analyze digital evidence. ● Provide knowledge of legal and ethical issues in cyber forensics.
Course Outcomes	CO1: To understand different cybercrimes and why computer forensics is important in solving them. CO2: To learn how to investigate cybercrimes step-by-step and collect evidence properly. CO3: To know how to respond to cyber incidents effectively and understand the roles of incident response teams. CO4: To study real cases of cybercrimes and learn from them. CO5: To be able to conduct computer forensic investigations and write clear reports that follow legal rules.
SLM UNITS (block pattern)	Block 1: Introduction to Digital Forensics (12 Hrs) Computer Crime, Different Types of Cyber Crimes, Roles of a Computer in a Crime, The Computer Forensic Objective, Importance of Computer Forensics, The Computer Forensics Specialist, Law enforcement, Categories of Computer Forensics, Corporate Categories of Computer Forensics, Theft of Trade Secrets, Employee Malfeasance, External Breach, Internal Breach Block 2: Methodology of Computer Forensics (12 Hrs) Hard Disks and File Systems, Computer Forensic Life Cycle - Defining a Process, Identification, Collection, Preservation & Analysis. Chain of Custody, validating – Integrity Check using Hashing, Proper Evidence Handling, Gathering of Evidence, Completeness of Investigation, Legal

Attribute	Details
	Compliance, Report Writing, Operating System Forensics, Mobile Forensics. Block 3: Evidence Retrieval (12 Hrs) Computer memory, SSD, Linux and Mac file system, Incident Response Procedures and Frameworks, First Responder Procedure, Importance of Chain of Custody, Windows Recycle Bin Analysis, Windows Event Log Analysis, Volatile and non-volatile data, Investigating Web Attacks, Email Crimes Block 4: Incident Response (12 Hrs) Introduction to incident management, Incident management - NIST SP 800- 61 perspectives, Stages in Incident management, Initial preparation required for incident response, Need for incident response team, CERT (Computer Emergency Response Team), CSIRT (Computer Security Incident Response Team), Roles and responsibilities of Incident response team Block 5: Case Studies (12 Hrs) Mr. Arun Jatuly vs. Network Solutions Private, A. Shankar vs State Rep, Gouresh Mehra vs The State Rep (Harassment by email), Rajiv Dinesh Gadkari v. Nilangi Rajiv Gadkari, (Uploading vulgar photographs), Indiabulls Securities Ltd vs. Amulya Ratan Dhar, Abhinav Gupta vs. JCB India Limited and Ors, All Kerala Online Lottery Dealers vs. State of Kerala.
Reference Books	1. Brinson, A., Robinson, A., & Rogers, M. (2006). A cyber forensics ontology: Creating a new approach to studying cyber forensics. digital investigation, 3, 37-43. 2. Greenfield, R. S. (2002). Cyber forensics: a field manual for collecting, examining, and preserving evidence of computer crimes. Auerbach Publications. 3. Baggili, I., & Breitingner, F. (2015, March). Data sources for advancing cyber forensics: what the social world has to offer. In 2015 AAAI Spring Symposium Series.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	-	-	-	-	-	1	1	1	2	2
CO2	3	2	-	-	-	1	1	1	2	2	2	2
CO3	3	2	-	-	1	1	1	1	2	2	2	2
CO4	3	2	1	-	1	1	1	2	2	2	2	2
CO5	3	2	1	-	1	1	1	1	2	2	2	2

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
CO1	-	-	-	2
CO2	-	-	1	2
CO3	-	-	1	2
CO4	-	-	1	2
CO5	1	-	1	3

SEMESTER IV

24. OLMCA41 - Internship Embedded Project work & Viva Voce (or) Research work, Dissertation & Thesis

Attribute	Details
Course Code & Name	OLMCA41 - INTERNSHIP EMBEDDED PROJECT WORK & VIVA VOCE (OR) RESEARCH WORK, DISSERTATION & THESIS (Core- Major)
Credits	20 Credits
L-T-P-C	0-0-60-20
Course Objectives	• To provide hands-on industry experience or in-depth academic research opportunities. • To allow students to apply theoretical knowledge to practical, real-world problems. • To develop professional documentation, presentation, and software engineering skills.
Course Outcomes	CO1: Understand the importance of effective communication skills, both verbal and written, and apply them in professional environments for clear and concise interactions. CO2: Analyze and develop problem-solving strategies to address real-world workplace challenges, demonstrating critical thinking and decision-making abilities. CO3: Apply teamwork and collaboration techniques, effectively contributing to group efforts while understanding the dynamics of professional relationships and roles. CO4: Develop leadership qualities, including decision-making and motivating teams, to handle professional responsibilities and drive organizational success. CO5: Demonstrate effective time management, organizational, and self-motivation skills, ensuring productivity and meeting deadlines in a professional environment.
SLM UNITS(block pattern)	FORMAT OF PROJECT SYNOPSIS The project proposal should contain: Title, Introduction and objectives, Project Category, Tools/Platform/Hardware and Software Requirements, Analysis (DFDs, ER Diagrams/Class Diagrams, Database Design). A complete structure including: Number of Blocks and their description, Data Structures, Process logic, Testing process, Reports generation. Details on Industry/Client Defined vs User Defined Project, Limitations, Future scope, and enhancements. THE PROJECT REPORT The project report shall contain: Introduction, Objectives, Tools/Environment used. Requirement Analysis Document (including SRS, E-R diagrams, Data Flow Diagrams, Data dictionary). Design Document (System & Detailed - Modularization details, Data integrity, Procedural design, User interface design). Program code (well indented, complete error handling). Testing (Test case designs for BLOCK, Integration, and System testing; Reports of testing outcomes). Input and Output Screens, Limitations, Future scope, and Bibliography. EVALUATION SCHEME Report Evaluation (120 marks): Innovativeness and utility (20), Related studies/Adequacy (20), Project plan & implementation (Analysis - 15, Design - 15, Implementation - 20, Testing - 15), Other mandatory documents (15). Viva-Voce (80 marks): Live Demonstration/Software execution/Dry runs (40), Question and Answer/Soft Skills (40).
Reference Books	• Subject-specific technical documentation and organizational manuals as applicable to the student's project domain.

CO-PO Mapping Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	-	-	-	-	-	3	-	-	1	-	2	-
CO2	2	3	3	-	-	-	-	-	-	-	-	-

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C03	-	-	-	-	-	3	-	-	-	2	-	-
C04	-	-	-	-	-	2	-	-	-	-	3	-
C05	-	-	-	-	-	-	-	-	-	3	2	-

CO-PSO Mapping Matrix

CO	PSO1	PSO2	PSO3	PSO4
C01	-	-	-	3
C02	2	2	3	-
C03	-	-	-	3
C04	-	-	-	3
C05	-	2	2	-

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MCA	OLMCA11	1	Linux System Administration(T+L)
MCA	OLMCA11	1	Linux System Administration(T+L)
MCA	OLMCA11	1	Linux System Administration(T+L)
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MCA	OLMCA11	1	Linux System Administration(T+L)
MCA	OLMCA11	1	Linux System Administration(T+L)
MCA	OLMCA12	1	Advanced Java
MCA	OLMCA12	1	Advanced Java
MCA	OLMCA12	1	Advanced Java
MCA	OLMCA12	1	Advanced Java
MCA	OLMCA12	1	Advanced Java

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MCA	OLMCA13	1	Entrepreneurship and Startups
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MCA	OLMCA13	1	Entrepreneurship and Startups
MCA	OLMCA13	1	Entrepreneurship and Startups
MCA	OLMCA14	1	Introduction To Cyber Security and Cyber law
MCA	OLMCA14	1	Introduction To Cyber Security and Cyber law
MCA	OLMCA14	1	Introduction To Cyber Security and Cyber law
MCA	OLMCA14	1	Introduction To Cyber Security and Cyber law
MCA	OLMCA14	1	Introduction To Cyber Security and Cyber law

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MCA	OLMCA22	2	Web Development with JavaScript and ReactJS
MCA	OLMCA22	2	Web Development with JavaScript and ReactJS
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MCA	OLMCA22	2	Web Development with JavaScript and ReactJS
MCA	OLMCA22	2	Web Development with JavaScript and ReactJS
MCA	OLMCA23	2	Java Based Application Development with Spring Boot
MCA	OLMCA23	2	Java Based Application Development with Spring Boot
MCA	OLMCA23	2	Java Based Application Development with Spring Boot
MCA	OLMCA23	2	Java Based Application Development with Spring Boot
MCA	OLMCA23	2	Java Based Application Development with Spring Boot

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MCA	OLMCA24	2	Data Science and Deep Learning with Python
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MCA	OLMCA24	2	Data Science and Deep Learning with Python
MCA	OLMCA24	2	Data Science and Deep Learning with Python
MCA	OLMCA25	2	Network and Web Application Security
MCA	OLMCA25	2	Network and Web Application Security

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MCA	OLMCA28	2	BlockChain Technologies
MCA	OLMCA28	2	BlockChain Technologies
MCA	OLMCA28	2	BlockChain Technologies

Topic Name
Introduction
Fundamentals of Operating Systems
Linux and the Open Source Philosophy
Linux File System Concepts
Core System Directories
Navigating the Linux Filesystem
Listing File and Directory Attributes
Core File Management Operations
Understanding File Permissions
Changing Permissions and Ownership
Pre-Installation Planning
Introduction to Red Hat Linux
Basic Disk Structure and Partitioning
Unix File Systems and Mount Points
Partitioning Strategies
Booting and Launching the Installer
Bootloader Configuration
Navigating the Graphical Interface
Disk Partitioning with Disk Druid
Initial System Setup
Firewall Configuration
Authentication Configuration
Package Group Selection
Fundamentals of Linux Users
Understanding Groups
Command Line Tools for User Management
Command Line Tools for Group Management
Graphical Management Tools
Gaining Privileges

The sudo Command
Red Hat Subscription Management
Managing Software Repositories
Accessing Red Hat Support
The Red Hat Support Tool
Using the Support Tool
Introduction to Software Management
Working with Packages
Checking For and Updating Packages
Advanced Update Strategies
Managing Configuration Files
Offline System Upgrades
Introduction to systemd
Managing System Services
Working with systemd Targets
System Recovery Modes
System Power State Management
Introduction to Secure Shell
The SSH Protocol
Configuring the OpenSSH Server
Using OpenSSH Clients
Advanced SSH Features
Introduction to Web Servers

Apache HTTP Server
Apache Configuration
Running the httpd Service
Setting Up Virtual Hosts
Experiment_1
Experiment_2
Experiment_3
Experiment_4
Experiment_5
Experiment_6
Experiment_7
Experiment_8
Experiment_9
Experiment_10
Experiment_11
Experiment_13
Experiment_14
Experiment_15
INTRODUCTION
Fundamentals of Java
Fundamentals of Java Part II
Java Program Structure
Variables and Data Types

Setting Up and Compiling
The Java Virtual Machine (JVM)
Control Flow Statements
Introduction to OOP
Inheritance
Polymorphism
Encapsulation and Abstraction
Object Lifecycle
Exception Handling
File Handling
I/O Streams
Resource Management
Introduction to Collections
List Interface Implementations
Set Interface Implementations
Map Interface Implementations
Utility Classes and Algorithms
Introduction to GUI
Swing Components
Layout Managers
Event Delegation Model
Building a Simple GUI
Event Handling in GUI

Multithreading Basics
Thread Synchronization
Concurrency
Applying Multithreading in GUI
Introduction to JDBC
JDBC Drivers
Database Connections
Executing SQL Queries
Advanced JDBC
Web Fundamentals
Introduction to Servlets
Servlet Configuration
Handling Requests
Servlet Containers
Session Management
Java Server Pages (JSP)
JSP Elements
JSP Actions and Objects
JSP Tags and EL
Introduction to EJB
EJB Containers and Deployment
Introduction to Spring
Inversion of Control (IoC)

Aspect-Oriented Programming (AOP)
Introduction to Spring MVC
Configuring Spring MVC
Hibernate Fundamentals
Mapping and Queries
Integrating Spring and Hibernate
Introduction to REST
Building RESTful Services
Introduction to Design Patterns
Structural and Behavioral Patterns
Applying Patterns in Java
Lab Practical - 1
Lab Practical - 2
Lab Practical - 3
Lab Practical - 4
Lab Practical - 5
Foundations of Project Management
Nature and Scope of Projects
Key Process Elements
Classification of Projects
The Essence of Project Planning
The Project Planning Process
Developing Key Project Plans

The Final Project Management Plan
Introduction to Site Selection
Key Factors Affecting Location Decisions
Government and Local Body Influence
Infrastructure and Resource Analysis
Fundamentals of Product Selection
The Role of Market Research
Product Appraisal
Principles of Product Design
Critical Factors in Selection Decisions
Technology and Process Selection
Feasibility Analysis
Ancillary Considerations
Assessing Broader Project Impacts
Environmental Impact Analysis
Socio-Economic Impact Analysis
Regulatory and Compliance Framework
Overview of Project Financing
Equity and Venture Financing
Institutional and Other Financing
Case Study - 7
Fundamentals of Project Financial Analysis
Project Evaluation Techniques

Debt Repayment and Regulations
Case Study - 8
Principles of Project Monitoring and Control
Project Scheduling and Monitoring
Contract Management
Project Appraisal and Review
The Concept of Entrepreneurship
Classification and Nature of Entrepreneurs
The Entrepreneurial Environment
Entrepreneur vs. Professional Manager
Entrepreneurial Development
Fostering Women Entrepreneurship
Starting a Venture with Limited Resources
Case Study - 11
The Support System for Entrepreneurs
Institutional Finance for Entrepreneurs
Regional Entrepreneurship: A Case Study
Case Study - 12
Introduction to Cyber Security Foundations
The CIA Triad
Principles of Access Control (AAA)
Core Security Doctrines
Data Governance and Classification

Introduction to Security Threats
Common Threat Vectors
Understanding Vulnerabilities
Introduction to Risk
Introduction to Security Controls
Organizational Roles and Responsibilities
Functional Types of Controls
Implementation Types of Controls
Introduction to Governance Frameworks
The ISO/IEC 27000 Series
NIST Frameworks
COBIT Framework
Introduction to the Legal Landscape
U.S. Privacy Laws
Healthcare (HIPAA)
Financial (GLBA and PCI DSS)
European Union (GDPR)
Principles of Security Governance
Policy and Standards Hierarchy
Security Metrics
Introduction to the Risk Management Lifecycle
Introduction to Risk Assessment
Qualitative Risk Analysis

Quantitative Risk Analysis
Safeguard Cost-Benefit Analysis
Risk Response and Treatment
Introduction to IAM
Core IAM Components
Access Control Mechanisms and Models
The Identity and Access Provisioning Life Cycle
Advanced IAM Concepts
Introduction to Organizational Resilience
Business Impact Assessment (BIA)
Disaster Recovery (DR) Planning
Emergency Response
Personnel and Physical Security
Introduction to Cyber Law
Electronic Governance
Adjudication and Tribunals
Liability and Electronic Evidence
Experiments_1
Experiments_2
Experiments_3
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https://lms.suonline.ac.in/mod/url/view.php?id=13887	00:14:35
https://lms.suonline.ac.in/mod/url/view.php?id=13888	00:11:46
https://lms.suonline.ac.in/mod/url/view.php?id=13890	00:21:07

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https://lms.suonline.ac.in/mod/url/view.php?id=18205	00:19:27
https://lms.suonline.ac.in/mod/url/view.php?id=18206	00:15:26
https://lms.suonline.ac.in/mod/url/view.php?id=18208	00:20:00
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https://lms.suonline.ac.in/mod/url/view.php?id=18271	00:20:31
https://lms.suonline.ac.in/mod/url/view.php?id=18272	00:19:10

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SRINIVAS UNIVERSITY

CENTRE FOR DISTANCE & ONLINE EDUCATION

Minutes of BOS Meeting held on 25th February 2026 at 2.00 pm at Board Room

BOARD OF STUDIES OF COMPUTER APPLICATIONS

Members Present:

Name	Designation	Signature
Dr. Subramanya Bhat	Chair Person MCA/BCA (Hons)	
Dr. P. Sridhara Acharya	Member	
Ms. Swathi Kumari H	Member	
Ms. Anusha Rai	Member	
Mr. Srinivas Bhat, Diya systems, Mangalore	External Member	
Mr. Shailesh, IT head, SCDCC Bank, Mangalore	External Member	

AGENDA OF THE MEETING:

1. As per the recommendations from the UGC- DEB Expert Committee, to consider for the suggestions/improvement in line with the UGC- ODL & OL Regulations 2020 guidelines, approval of Program wise (Project proposal Report) PPR having the contents regarding the programme- Syllabus structure, Exams schema, Formative and Summative weightage, Assessment matrix, Mode of Examination of online Programmes MCA & BCA (Hons)
2. As per the recommendations from the UGC- DEB Expert Committee, to consider for the suggestions/improvement in line with the UGC- ODL & OL Regulations 2020 guidelines, approval of E- learning Material (ELM) subject wise of online Programmes MCA & BCA (Hons).

PROCEEDINGS OF THE MEETING:

The Meeting was presided by the Chairpersons of Respective Course - Coordinators

SL. NO.	AGENDA	RESOLUTION
1.	Approval of PPR of online Programmes. 1. MCA 2. BCA (Hons),	It was resolved to approve the CDOE Programmes Online mode- MCA & BCA (Hons) as per the guidelines of UGC - OL Regulations 2020 (Annexure of final Programme Project Report)

2.	Approval of E- learning Material (ELM) subject wise of online Programmes. 1. MCA 2. BCA (Hons).	It was resolved to Approve of E - Learning Material for the online Programmes MCA & BCA (Hons)
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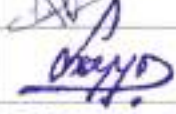
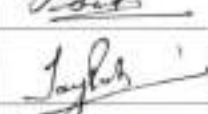
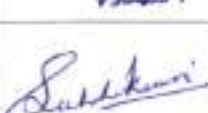
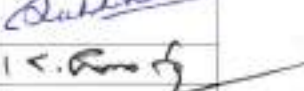
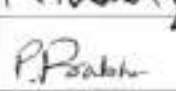
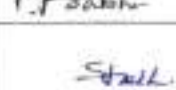
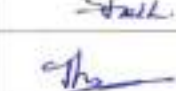
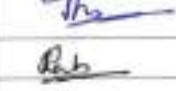
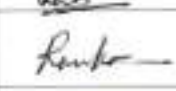
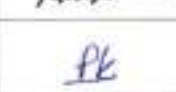
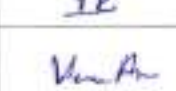
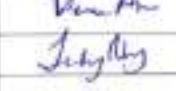
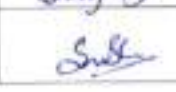


REGISTRAR
SRINIVAS UNIVERSITY
MANGALORE

SRINIVAS UNIVERSITY
MINUTES OF THE FORTIETH ACADEMIC COUNCIL MEETING
HELD ON 26/02/2026
Time: 11:30 A.M
Venue: COUNCIL ROOM, SRINIVAS UNIVERSITY, MUKKA
Meeting No.: AC/42/2025-26

The Forty second of Academic Council was held on 26th February, 2025 at 11.30 AM at Srinivas University under the Chairmanship of Hon'ble Vice-Chancellor

The following members were present in the meeting;

Sl. No	Name and Designation	Designation	Attendance
1.	Dr. K Satyanarayan Reddy Vice Chancellor	Chairperson	
2.	Prof. Dr. Anil Kumar Registrar	Secretary	
3.	Prof. Dr. Shrinivasa Mayya D Registrar - Evaluation	Ex-officio	
4.	Prof. Dr. Ajay K.G (Senior Faculty)	Member	
5.	Prof. Arpana Bhatta L Finance Officer	Ex-officio	
6.	Dr. Jayashree R Bolar Asst. Registrar/IQAC Coordinator	Member	
7.	Dr Praveen B.M Research Director	Member	
8.	Dr. Suchetha Kumari N Director -Research & Development (Health Science)	Member	
9.	Dr. K Rama Narasihma, Director CDOE	Member	
10.	Prof. B. Prashanth Prabhu Hotel Management & Tourism	Member	
11.	Prof Shebin L	Member	
12.	Prof. Thrishala Noronha Dean- Physiotherapy	Member	
13.	Prof. Dr. Padmanabha C H Dean- Education,	Member	
14.	Prof. Ramakrishna N Hegde Dean- Engineering & Technology	Member	
15.	Prof. Pavana Krishnamurthy Dean- Allied Health Science	Member	
16.	Prof. Pavithra Kumari Chairman- Students' Redressal Committee	Member	
17.	Dr. Juby Mary Chacko Dean- Nursing Sciences	Member	
18.	Dr. Santhosh D.Shenoy	Member	

19.	Prof. Naveen Kumar J R	Member	<i>Naveen</i>
20.	Mr. Harischandra (Chief Librarian)	Member	<i>Harish</i>
21.	Dr. Udaya Kumar Rao	Member	<i>Ab</i>
22.	Mr. Krishnamurthy Reddy	Alumni Member	<i>KR</i>
23.	Ms. Anita Murthy	Alumni Member	<i>Ab</i>

PROCEEDINGS

At the beginning of the meeting the Registrar and Member Secretary welcomed the members to the 42th meeting of the Academic Council. The Registrar informed that the University looks forward to active contributions from all the members in helping the University to grow further. Later the agenda for the meeting was taken up for discussion.

1. To confirm the minutes of the 41st meeting of the Academic Council held on 23rd October 2025 was placed to the members and the same was unanimously passed by the Academic Council.
2. **Action Taken Report on the decisions of the 41st meeting of the Academic Council. -:**
The members were appraised of the action taken on the decisions made in the academic council meeting on 23rd October 2025
3. To consider the **recommendations from the UGC- DEB Expert Committee and to improve in line with the UGC ODL OL Regulations 2020 guidelines the Programme Project Report (PPR) including the Scheme of Studies and syllabi of the five programmes to be offered under Online mode from academic year 2025-26:**

The director CDOE presented the proposed PPR in the meeting along with the scheme of studies and syllabi of the Five online programmes prepared by the Board of Studies for Computer Applications and the Board of Studies for Management and Commerce to be offered from academic year 2025-26 subject to due approvals from UGC-DEB. The details of the programmes to be offered under the **online** mode are as follows:

S.No	Programmes to be offered under online mode.	Level of Programme
1	Master of Business Administration (MBA)	PG
2	Bachelor of Business Administration (Hons) (BBA)	UG
3	Bachelor of Commerce (Hons) (B. Com)	UG
4	Master of Computer Application (MCA)	PG
5	Bachelor of Computer Application (Hons) (BCA)	UG

Resolved: To approve and recommend for ratification the PPR by BOM

4. To approve the E-Learning Material (ELM) of the MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) Programmes to be offered through Online mode as prepared by the respective Board of Studies.

The Director CDOE presented the E-Learning Material prepared by the Board of studies of Management and Commerce for the MBA/BBA/B. Com Programmes to be offered in Online mode. He also presented the E-Learning Material prepared by the Board of Studies of Computer Application for MCA/BCA to be offered in the Online mode. The members appreciated the efforts of the faculty and members of the board of studies and approve and recommended the same.

Resolved: To accept and recommend the E-Learning Material (ELM) of the MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) Programmes to be offered through Online mode as prepared by the respective Board of Studies

5. To ensure minimum 70% weightage to end semester end examination for the Programmes MBA/ BBA/B. Com in online mode and for all five programs offered in Online mode:

The Director CDOE proposed that in line with existing regulatory framework the semester end/Term end examinations of the five Programmes offered under the Online mode will have 70% weightage and whereas the formative or continuous assessment(internal) weightage will be 30% for all the Programmes.

Resolved: The members approved and recommended that the Semester End/Term End examination will carry 70% weightage and the remaining 30% will be assigned to formative or continuous assessment (Internal).



Dr. K Satyanarayan Reddy

Vice-Chancellor

VICE-CHANCELLOR

Srinivas University

**Mukka, Mangalore - 574 145, D.K,
Karnataka, India**



Office of the Registrar

SU/Reg/BOM-58/EXTRACT

03/02/2026

EXTRACT BOARD OF MANAGEMENT MINUTES

Extract of the meetings of the Board of Management of Srinivas University duly convened at which a proper quorum was present on 28th February 2026 (Meeting Number: BOM/58/2026) in the University Council Room.

Members Present:

- | | |
|--|-------------|
| 1. Dr. K Satyanarayan Reddy, Vice-Chancellor | Chairperson |
| 2. Prof. Dr. Shrinivasa Mayya D, Registrar Evaluation | Member |
| 3. Dr. Anil Kumar, Registrar | Secretary |
| 4. Dr. Ajay K.G Sponsoring Body Nominee | Member |
| 5. Prof. Arpana Bhatta, Sponsoring Body Nominee | Member |
| 6. Dr. Jayashree R Bolar, Asst. Registrar/IQAC Coordinator | Member |
| 7. Prof. Ramakrishna N Hegde, Vice –Chancellor's Nominee | Member |

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Agenda 1: Reconfirmation of the minutes of the 54th Meeting of the Board of Management held on 27th September, 2025 regarding Online programmes offered through UGC-DEB.

The Vice Chancellor explained that the Minutes of the meetings were sent to all the members and no comments were received from any member. He asked the Registrar to read the minutes. He also said that a copy of the Minutes of the meeting is attached for information. The members were requested to place before the house if there are any comments. The Pro-Chancellor pointed out that the discussion on the implementation of NEP for the courses proposed to be offered under **ONLINE** mode needs to specify the duration of the programme.

Accordingly, the members discussed the same and approved the following

S.No	Programme	Level	Duration as per NEP
1	BBA (Hons)	UG	4 Years
2	BCA (Hons)	UG	4 Years
3	B. Com (Hons)	UG	4 Years
4	MBA	PG	2 Years

5	MCA	PG	2 Years
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Resolved: The members resolved to follow NEP for the online programmes of MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) as it is already followed in the conventional mode.

Agenda 2: As per the recommendations from the UGC- DEB Expert Committee, to consider for the suggestions/improvement in line with the UGC ODL OL Regulations 2020 guidelines, and recommend the Programme Project Report (PPR) including the Scheme of Studies and syllabi of the five programmes to be offered under Online mode from academic year 2025-26:

The Registrar presented the Academic Council recommendation to approve the proposed PPR along with the scheme of studies and syllabi of the Five online programmes prepared by the Board of Studies for Computer Applications and the Board of Studies for Management and Commerce to be offered from academic year 2025-26 subject to due approvals from UGC-DEB. The details of the programmes to be offered under the **ONLINE** mode are as follows:

S.No	PPR's of the Programmes to be offered under online mode.	Level of Programme
1	Master of Business Administration (MBA)	PG
2	Bachelor of Business Administration (Hons) (BBA)	UG
3	Bachelor of Commerce (Hons) (B. Com)	UG
4	Master of Computer Application (MCA)	PG
5	Bachelor of Computer Application (Hons) (BCA)	UG

Resolved: To approve and recommend the Programme Project Report (PPR) of all the five programmes through online mode forwarded by the Academic Council.

Agenda 3: To approve the e-Learning Material (ELM) of the MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) programmes to be offered through Online mode as prepared by the Board of Studies of Management and Commerce (MBA, BBA & B. Com) & Board of Studies of computer applications (MCA & BCA) which has been passed through academic council

The Registrar presented the e-Learning Material prepared by the Board of Studies of Management & commerce for the programme's MBA/BBA/B. Com programmes by online mode. He also presented the e-Learning Material prepared by the Board of Studies of Computer Application for MCA/BCA which is recommended by the Academic Council for offering in the online mode.

The members appreciated the efforts of the faculty and members of the board of studies and accepted the recommendation of the Academic council to approve the same.

Resolved: To accept and recommend the e-Learning Material (ELM) of the MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) programmes to be offered through Online mode as prepared by the Board of Studies and recommended by the Academic Council.

Agenda 4: To ensure minimum 70% weightage to end semester examination for the MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) programmes offered in Online mode:

The Registrar presented that in line with existing regulatory framework the semester end/Term end examinations of the five programmes offered under the Online mode will have 70% weightage and whereas the formative or continuous assessment(internal) weightage will be 30% for all the programmes. He stated that the same has been accepted and recommended by the Academic Council.

Resolved: The members approved and recommended that the Semester End/Term End examination will carry 70% weightage and the remaining 30% will be assigned to formative or continuous assessment (Internal) as recommended by the Academic Council for all the five MBA, MCA, B. Com (Hons), BCA(Hons) and BBA (Hons) programmes offered in Online mode.

//Certified True Copy//

For Srinivas University


Dr. Anil Kumar

Registrar

SRINIVAS UNIVERSITY
MANGALORE



SRINIVAS UNIVERSITY

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E-mail: info@srinivasuniversity.edu.in website:www.srinivasuniversity.edu.in



Office of the registrar
SU/REG/CDOE-162/2026

Date: 11-03-2026

To whomsoever it may concern

This is to certify that Srinivas University, Mangalore will ensure full compliance with the UGC guidelines recommended for 4 year Under Graduate Programmes as per NEP 2020. This includes meticulous adherence to the development and implementation of the curriculum framework as per the curriculum and Credit Framework for Undergraduate Programmes, as well as the preparation of study material in accordance with the guidelines set forth by the University Grants Commission-2020.


Director
Center for Distance and Online Education
Srinivas University, Mangalore
DIRECTOR
CDOE
SRINIVAS UNIVERSITY


Registrar
REGISTRAR
SRINIVAS UNIVERSITY
MANGALORE