



BACHELOR OF ARTS IN ARTIFICIAL INTELLIGENCE AND LAW





Artificial Intelligence (AI) has become the external projection of the unactualized potential of the human mind. Indeed, AI is the realization of the human potential, a realization that was earlier limited only to the immensely potential or the immensely privileged human subjects. AI has brought the largely-maximized and continuously-maximizing human potential to the reach of the larger society. It has added "intelligence" to every functional sector—name it, AI has its upgrading and perfecting reach there. It has brought "quick thinking" to everyone which has made quick acting possible.

The age in which we live is the age of Al-boom, it took a tiny spark in the technological boom of the 1990s and Al started to expand, discovering hitherto unknow horizons and possibilities. The Al boom has put society in a fervent search for possibilities, a search which may be classified as the "new



It moves; It moves not. It is far: It is near. It is inside all this; It is verily outside all this.



—Isa Upanishad



Who really knows? They know perhaps or perhaps they know not.



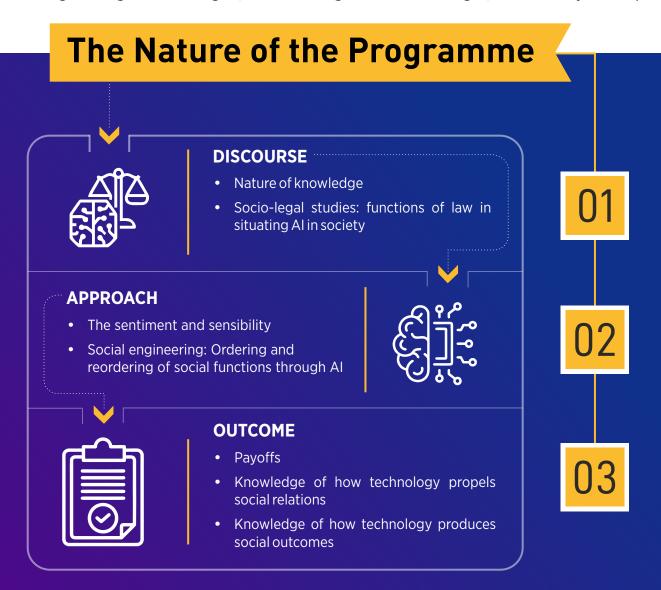
-Rig Veda

age self-becoming" in a "new age spirituality". Everyone thinks about it, everyone talks about it, and everyone—knowingly or unknowingly—experiences it in their everyday willing and acting.

Talks in society on AI are varied, but they are an interesting mix of skepticism and awe. They range from a complete take-over to render humans "irrelevant" to that of humans being aided in their socialization by AI, from human beings becoming subjected to AI to humans subjecting AI for their excellence. Where in fact lies the truth? Perhaps no one is certain, for AI is rising and growing—it is spreading, to borrow a poetic expression from Shelley, its "inconstant wings". Everything about AI is moving, annihilating the moment, leaving a fresh moment to be annihilated or altered. This evanescing reality should be lived with, we should be resilient, by being aware of AI, the transformative reality it is, the nature of it, and the problems and possibilities it offers. We should discover our situationality—where are we, and whither advancing?

> VISION

This Bachelor of Art (B.A.) programme in *Artificial Intelligence and Law* is a social science programme which has as its *leitmotif* the role of AI in society. Society being a network of legal relations—set and carried out—in the semantics of law, its predominant *discourse* is "law and society". The *approach* of the programme is "social engineering". Its *outcome* is knowledge of how technology propels human social relations and becomes a determinant in producing social outcomes. The course also makes inroads into AI applications with the limited aim of informing students on algorithmic functions. It evaluates the various aspects of the AI including the range of technologies, their advantages and disadvantages, and how AI systems operate.



The programme is mindful that any role of Al in society is dynamic and constantly evolving. In the evolution of Al, in the way it alters reality, there is an element of "determinism" external to human will. Hence, the course does not have any fixations about the contents to be taught and the way they are to be taught. However, the programme has taken "change" and "evolution" as its basic structure and organized the curriculum, syllabus, and pedagogy accordingly. These is an underlying conviction that knowing the patterns of change gives some sense of situationality and modicum of predictability about what is forthcoming, at least a normative sense of incrementality which helps in understanding patterns of change of what has happened, what is happening, and what would happen. As Al and other emerging technologies continue to reshape society, there is a growing need for professionals who can navigate the complex ethical, legal, and regulatory challenges they present.



The programme is conscious of the prevailing idealism, at times misplaced and farfetched, that AI is a public good. However, the programme strongly believes that AI is not open for free appropriation including it as open for "passing off". Further, AIs available for public consumption, including many automated services in public spaces, are properties with ownerships—legal rights, so to speak. The programme aims to educate students about the differentiation between *being* in an AI environment, *using* the AI services on-offer, and *making claims* on AI outputs. The said objective is achieved through an ethical orientation which takes the form of "know the context" through "knowing the law".



THE ETHICAL ORIENTATION OF THE PROGRAMME



Programme Structure and Semester Philosophies

| YEAR | Semester I | | |
|--|----------------------|---------|--|
| Name of the Course | Nature of the Course | Credits | |
| ■ Law, Technology, and Society | CC | 4 | |
| Sociology of Artificial Intelligence | Multi 4 | | |
| ■ Basics of Algorithmic Design | SEC | 4 | |
| Al and Intellectual Property | CC | 4 | |
| Business Communications and AI | AEC | 4 | |
| Compulsory Internship | | | |

The *first semester* is meant to familiarize students with how AI is situated and functioning in society. Since AI is in *here*, students should know how AI has been impacting society at large and lives in particular. For such an understanding, broad generalizations on AI—a newfangled technology—as theoretical formulations and models are warranted. While the students obtain that familiarization, they also get introduced to soft AI applications. Necessary legal English language skills are also provided in this semester.

| YEAR | Semester II | | | |
|--|----------------------|---------|--|--|
| Name of the Course | Nature of the Course | Credits | | |
| ■ Politics of Artificial Intelligence CC 4+ | | | | |
| Artificial Intelligence and Ethics VA 4- | | | | |
| ■ Psychology of Artificial Intelligence SEC | | | | |
| Al and Legal Profession | CC | 4+2 | | |
| ■ Al and Academic Writing AEC 4 | | | | |
| Compulsory Internship | | | | |

The second semester broadens the scope of the philosophy of the first semester by qualitatively and quantitatively adding to the first semester. Students are introduced to the "social physics" of Al—that is, how Al operates with the network and thickets of human social relations. As such knowledge incrementally grows within students, they get to know the ethical questions on human socializing in a climate of Al. Familiarization with soft Al applications, with a special emphasis on legal and profession, continues in the second semester as well.

| 2 nd YEAR | Semester III | | |
|--|----------------------|---------|--|
| Name of the Course | Nature of the Course | Credits | |
| Artificial Intelligence in Art and Entertainment | CC | 4 | |
| Artificial Intelligence in Sports | Multi | 4 | |
| Artificial Intelligence in Law Enforcement | CC | 4 | |
| Artificial Intelligence in Dispute Settlement | CC | 4 | |
| ■ Cross-disciplinary elective 1 | GE | 4 | |
| Compulsory Internship | | | |

The *third semester* is meant to provide students with contexts in which the AI boom has made an impact. Context may include problems, challenges, possibilities, and prospects. Context is understood broadly as a "regime" which includes social subjects and functionaries; their expectations, rights and responsibilities; and the norms, rules, and decision-making procedures to which they are bound. The above courses through which contexts are provided are representative only; the university may change the courses by filling the course basket with appropriate content depending on the chosen context. In this semester, students should choose an elective course which provides a context.

| 2 nd YEAR | Semester IV | | |
|--|----------------------|---------|--|
| Name of the Course | Nature of the Course | Credits | |
| Artificial Intelligence and Regulations | CC | 4+2 | |
| Artificial Intelligence, Policy and Governance | Multi | 4 | |
| Artificial Intelligence and Commercial Markets | CC | 4+2 | |
| Artificial Intelligence and Data Privacy | CC | 4+2 | |
| ■ Cross-disciplinary elective 2 | GE | 4 | |
| Compulsory Internship | | | |

The *fourth semester* focuses on frameworks and networks of Al-use. Frameworks and networks are understood as systems of organization and order which are meant to obtain optimal social outcomes. They include: policy (guidelines), institutions (systems and processes), governance (principles and values), law (norms) and markets (practices). The idea is to get a sense of organization which facilitates, at times constrains, behavior to obtain optimal outcomes.

| 3 rd YEAR | Semester V | | |
|---|----------------------|---------|--|
| Name of the Course | Nature of the Course | Credits | |
| Artificial Intelligence and Global Problems | CC | 4+2 | |
| ■ AI-Evaluation (Theory) | DSE 4 | | |
| ■ Cross-disciplinary elective 3 GE | | 4 | |
| Compulsory Internship | | | |

The *fifth semester* is a mix of the theoretical and the practical. On the theoretical, it offers an overview of the impact of Al on global problems which include climate change, terrorism, drug trafficking, illegal migration, human rights violations, and global health crisis though a core course. Students should also choose a cross-listed elective course on a particular global problem. On the practical, students should do an Al-evaluation as a project report, which means that an actual case of Al-use in a given sector should be evaluated in terms of ethics, policy, regulations, and law. The evaluation report should also include how Al use has advanced the initiative in the sector in which it was introduced.

| 3 rd YEAR | Semester <mark>VI</mark> | | |
|---|--------------------------|---------|--|
| Name of the Course | Nature of the Course | Credits | |
| ■ Elements of Applied Artificial Intelligence | CC | 4 | |
| ■ AI-Evaluation (Clinical) | DSE | 4 | |
| ■ Cross-disciplinary elective 4 | GE | 4 | |
| Compulsory Internship | | | |

The sixth semester, has a heavy emphasis on clinical learning. Students are introduced to applied Als including the nuances of algorithmic operations. During the semester they are also required to become part of an actual Al project through pre-planned, pre-charted, and approved onsite (Al-enterprises) visits and prepare an evaluation report in the same line in which they have evaluated the Al functions of a project in the fifth semester. The cross-listed elective course during this semester preferably should be on applied/generative Als.

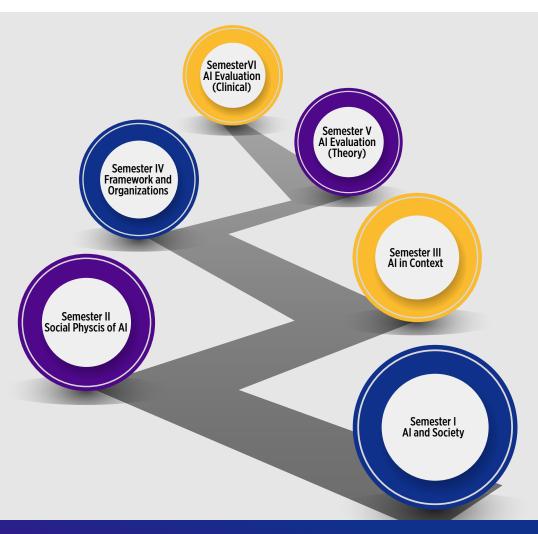
ELECTIVE BASKET

Students can choose interdisciplinary elective courses from their III Semester onwards. Such electives can be from a variety of choices mindful of the vision and philosophy of the programme and the semester in which the elective can be taken. The electives are illustrative only, the electives on-offer may vary in form and substance, though not in their nature/type such that the philosophy of the semester for which they are recommended is upheld.

- Al Governance and Human Rights (III Semester)
- Computation Law and Computation Legal Theory (III Semester)
- Law and Bioethics (III Semester)
- Al and Transportation Industry (III Semester)
- > Artificial Intelligence and International Security in the 21st Century (V Semester)
- Human Rights and Emerging Technologies (V Semester)
- Cultural Entrepreneurship and Digital Humanities (VI Semester)
- Al and the Health Sector



SEMESTER PROGRESSION



INTERNSHIP ROUTEMOR

The internship route map is only an advisory which has been prepared mindful of the philosophy of the programme at large and the semester philosophies. The internships recommended have a correlation between the learning outcomes of each semester and the type of internship recommended.

| Semester | Type of Internship/Organizations | Purpose/Outcomes |
|----------|---|---|
| ı | Al scholarsAl and tech law and policy academics | Strengthen and reinforce the understanding how AI is situated in and impacting society |
| II | Ethics and policy drafting committees Al awareness/proficiency assessment bodies/projects in institutions | Understand and appreciate the interoperability of AI in social systems and processes |
| III | Centres of Al research (general or sector specific) Al firms and law offices Ministry of Information Technology Certifying authorities | Know the AI functions in sectors and the challenges thereof. Become aware of the possible strategic and policy positions in the sectors in question. |
| IV | Tech regulatory agenciesTech companiesAl Analytic agencies and firms | Understand the network of regulations, how firms operate within regulatory networks, and the interplay of regulatory mechanisms (laws, norms etc.) |
| V | Global agencies (international and intergovernmental bodies) Ministry of Electronics and Information Technology | Familiarize with the global response to Al boom and how governments facilitate to Al use and utilization. |

GRADUATE ATTRIBUTES

Graduates of B.A in Artificial Intelligence and Law are expected to have the following abilities and qualities:

- Knowledge of the role and functions of Al in society
- Knowledge of regulatory and governance frameworks on Al
- Ability to evaluate AI systems and programmes in terms of ethics, policy, strategy, and regulations
- Ability to foresee problems and possibilities and map scenarios
- Ability to formulate policies, law, and strategies
- Competence to evaluate, develop responses, and certify Al solutions

CREDIT—COMPLIANCE DATA

| Course Type | Abbreviation | B.A. in Al & Law Credits | UGC Requirement Credits | Comments |
|--|----------------|-----------------------------|----------------------------|--|
| Major (Core) Courses | СС | (6*4)+(6*6)=60 | 60 | |
| Minor Stream***** (Generic elective + Discipline specific) | GE & DSE | 6*4=24 | 24 | DSE are theory and practical evaluation as per NEP |
| Ability Enhancement Courses | AEC | 2*4=8 | 8 | Language courses and communication skills |
| Skill Enhancement Courses | SEC | 4+6=10 | 9 | |
| Multi- disciplinary | Multi. | 3*4=12 | 9 | Social Sciences/ Humanities based courses |
| Value Added course | VA | 6 | (06)-(08) | Similar course common to all UGs |
| Summer Internship | Compulsory Int | 2*2=4 | (02)-(04) | All internships are compulsory, credits are endowed for only summer internships. |
| Total Credits | 120+4 | 124 | 120 | |
| 10 | | | | |



ADMISSION PROCEDURE

Applicants to the B.A. in Artificial Intelligence and Law at JGLS must have successfully passed the examination at the 10+2 level of schooling from a recognised board. This course is open to students from any stream including Arts, Commerce, Science, etc.

3+3 PATHWAY

A student can pursue 3 year LL.B. degree after completing the B.A. degree in Artificial Intelligence and Law.

3 YEARS COURSE DURATION 10+2 MINIMUM ELIGIBILITY

SELECTION PROCESS

Admission to the 3-year B.A. in Artificial Intelligence and Law programme of JGLS will be on the basis of National Level Entrance Exams including LNAT-UK/JSAT-Law/ **CLAT-UG/CUET-UG.**

SCHOLARSHIPS

Merit-cum-means scholarship shall be awarded to students qualifying LNAT-UK/ JSAT-Law/CLAT-UG/CUET-UG. subject to parental ITR criteria as defined by university.

Programme Fee ₹ 4,00,000/- per annum* ₹ 3.35.000/- per annum* Residential Fee ₹50,000/-** Refundable Security Deposit

Application Fee:

*The programme fee and residential fee are subject to an annual increase of

**Fully refundable Security deposit of Rs. 50,000 shall be collected at the time of admission as per university rules.

SCAN admission page

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12 SCHOOLS



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INTERNATIONAL COLLABORATIONS











RANKINGS & RECOGNITIONS





WORLD







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