Sessions 4 and 5

Designing Curriculum for Specific Judicial Needs

And

Impact Assessment of Judicial Education Programmes

PART I

JUDICIAL EDUCATION NEEDS

Broadly stated, imperative subjects as regards content / curriculum qua Judicial education and training:

- **❖**Fundamental legal principles;
- Ethics and integrity;
- Human rights and civil liberties;
- **❖**Diversity and inclusion;
- **❖**Technology and innovations;
- Statutory changes / New changes;
- **❖** March of Law (case law developments).

Broadly stated, imperative working principles / implementation of Curriculum qua judicial education :

- Organized structure
- **❖**Integrated curriculum
- Committed administrative leadership and control
- Modern learning methods
- *Faculty
- *Adequate resources
- **❖**Programme evaluation

Training Objectives [Broadly Stated]:

- ✓ Enhancing professional competence of judicial officers
- ✓ Ensuring uniformity in application of law
- ✓ Imparting sensitivity and responsiveness among stakeholders
- ✓Improving coordination and cooperation with other stakeholders, for smooth functioning of justice delivery system

On a Broad Spectrum Tools, Techniques and Practices:

- ✓ Pool of resource persons Hon'ble Judges of High Court, judicial officers from District Judiciary, Advocates from the Bar, police officers, medical professionals, etc.
- ✓ Multistakeholder convergence improved coordination & stronger implementation
- ✓ Peer learning method Improvised system for exchange of information
- ✓ Lecture session + practical activity using ICT tools + group discussion
- ✓ Emphasis on visual appeal, accessible language, and practically relevant content
- ✓ Inputs from field visits to juvenile justice boards, observation homes, and consultations with stakeholders
- ✓ Need-based training Before every training programme, TNSJA revisits the pedagogy, and develops a customised curriculum to suit the needs of the participants
- ✓ Offsite support through WhatsApp group for District judges and Civil Judges

Section 20 of The Commercial Courts Act, 2015:

20.Training and continuous education.—The State Government may, in consultation with the High Court, establish necessary facilities providing for training of Judges who may be appointed to the 2 [Commercial Courts, Commercial Appellate Courts], Commercial Division or the Commercial Appellate Division in a High Court.

Besides Pedagogy:

- 1.Andragogy: Focused adult learning, emphasizing on self-directed and experiential learning.
- 2.Experiential Learning: Learning through direct experience, reflection, and experimentation.
- 3. Socratic Method: Involves asking and answering questions to stimulate <u>critical thinking</u> and uncover underlying assumptions.
- 4.Inquiry-Based Learning: Students actively explore questions, problems, or scenarios to construct knowledge.
- 5.Problem-Based Learning: Students learn through solving complex, real-world problems, fostering critical thinking and problem-solving skills.

- 6.Heutagogy: Emphasizes self-determined learning where learners are actively involved in their own education.
- 7.Montessori Method: Encourages self-directed learning in a prepared environment with hands-on materials.
- 8. Cooperative Learning: Students work together in small groups to achieve common goals, promoting teamwork and communication skills.
- 9.Flipped Classroom: Traditional lecture and homework elements are reversed, with students learning content at home through videos or readings and engaging in activities or discussions in class.
- 10.Project-Based Learning: Students work on extended projects that involve real-world challenges, integrating multiple disciplines and promoting collaboration and creativity.

PART – II

TRAINING METHODS AT TAMIL NADU STATE JUDICIAL ACADEMY

Tamil Nadu State Judicial Academy (TNSJA) - Zone wise details (Total 40 Districts):

Chennai Zone	Madurai Zone	Coimbatore Zone
18 Districts	14 Districts	8 Districts
•Chennai	•Ariyalur	Coimbatore
•Chengalpattu	•Dindigul	Dharmapuri
•Cuddalore	Kanniyakumari	•Erode
•Kallakurichi	•Madurai	•Karur
•Kancheepuram	•Perambalur	•Namakkal
•Karaikal	Pudukkottai	•Salem
•Krishnagiri	•Ramanathapuram	•Thanjavur
Mayiladudurai	•Sivagangai	•Tiruppur
Nagapattinam	•The Nilgiris	
Puducherry	•Theni	
•Ranipet	•Thoothukudi	
•Tenkasi	•Tiruchirappalli	
•Tiruppathur	•Tirunelveli	
•Tiruvallur	Virudhunagar	
•Tiruvannamalai		
•Tiruvarur		
•Vellore		
•Villupuram		

KINDS OF PROGRAMME CONDUCTED at TNSJA:

- 1) Refresher Training Programmes for the Judicial Officers
- 2) Professional Development Programmes
- 3) Induction Training for the newly recruited Judicial Officers
- 4) Special training programmes on Special Acts for the Judicial Officers
- 5) Refresher Training Programmes for Staff
- 6) E-Courts Training Programmes for Judicial Officers and Staff
- 7) Training Programme for Advocates, Public Prosecutors, Police and other Stakeholders
- 8) Orientation meeting for the special court Judges
- 9) Sensitization programmes on specific subjects
- 10) State Level Consultation (Juvenile Justice, POCSO, etc.,)
- 11) Regional Conferences.

<u>Training programmes conducted by TNSJA during 2023-24</u>:

Training Programmes Conducted during the 2023-2024						Building	
Cadres	Programme	Chennai	Coimbatore	Madurai	Total	Grand Total	
All three cadres	Sensitization Programme	4			4	4	
	ECT	1			1	1	
District Judges	Professional Development Programme	3	2	2	7	8	
	Special Training Programme	1			1		
Senior Civil Judges	Professional Development Programme	2	3	4	9	10	
	Special Training Programme	7754	1		1		
Civil Judges	Professional Development Programme	3	7	7	17	18	
	Special Training Programme	1 -1 -1	1		1		
District Judges and Civil Judges	Special Training Programme			1	1	1	
District Judges and Senior Divil Judges	Symposium	1			1	1	
Senior Civil udges and Civil Judges	Orientation Meeting	1		N-11-8411	1	1	
Various Stakeholders	Workshop	2	2	2	6	9	
	Sensitization Programme	2			2		
	State Level Consultation Meeting	1			1		
Total		21	16	16	53	53	

Training for In-service Judicial Officers

- Training is provided in the form of lectures, webinars, workshops, panel discussions, as well as reflective training programmes, wherein the judicial officers are made to reflect on the errors, rectify the same, and clarify their doubts.
- While designing a training module, areas of improvement are identified. This is done by reviewing the judgments of the participants and asking them to send in their queries and practical challenges they encounter in their day-to-day work, through Google Forms.
- The academy archives all the queries and concerns raised and from time-to-time conduct training programmes for clarifying such concerns of the trainees.
- Each lecture session will be followed by a practical activity-based exercise. This exercise will be assessed using the help of information and communication technologies.
- The mistakes done by the participating trainees will be corrected during the training session itself.

Pre Training Assessment

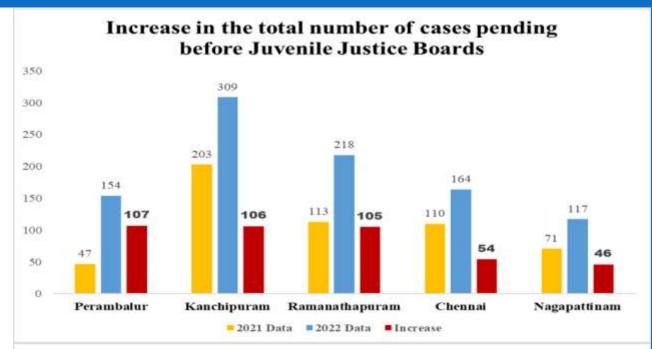
-Special POCSO Courts and Mahila Courts-TNSJA □ ☆	©
Questions Responses 38 Settings	
1.When do you meet a survivor of child sexual abuse for the first time?*	
Long answer text	

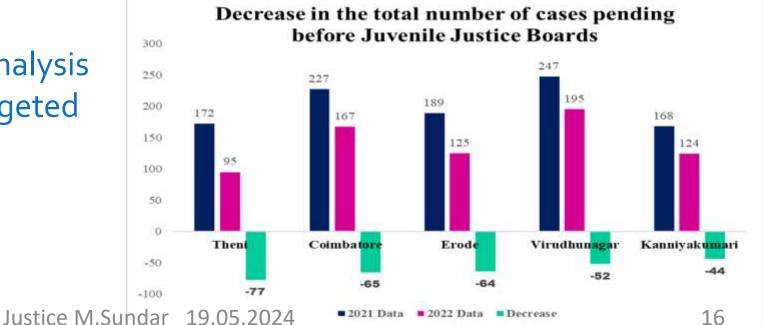
2. A girl who is 3 months shy of turning 18 years old, has filed a complaint against her fiance aged 25 years, stating that he has sexually assaulted her. By the time the FIR is registered, the complainant's family claims that no wrong has taken place and that it is only a slight misunderstanding between the girl and her fiance, and proceeds to withdraw the complaint. Whether the complaint can be withdrawn by the parents?

- ✓Need-based & tailor-made training
 - ✓ Acquire inputs from participants and identify focus areas
 - ✓ Review participants' judgments and identify areas of improvement.

Data-driven Approach

- ✓ Statistical data on pendency of cases at various stages.
- ✓ Data analysis to highlight key problem areas.
- ✓ Periodic data collection and analysis to make the training more targeted and effective.





WAKE HE NOT A LINA HEDINA My Doors are open I am out and seeing A preying twighbout & Washing Watchman A Nacing Biker and A School Van Drawn

Tell me God! Who Plays Demon today

> The Clean's full-but I am the one; The Teacher's Pet He Curs my hair and. Cuddles my often; In that right?

Tell me God Who do I Trief? Back on Streets, I reached his Shop

Jumping in joy. Peal for a Check He gave me became A smile too

THE rise Good Is the just grooning? Returned to the flat Toxon away the Say Called out Mon. More as not Home Dad in on Weed, Room full of broke I search in from

Tell ree God! Where did you hide? The Dancing Demons It it in my Home?

BENEVAL COURSE DRIVENING





KEEP NO SECILED

Every day and night I wept, cause the dirty Secret I kept. They told mu, it's just a game Then I hung my head in shame.

Lost all my light and hope, Long had to fight that rope, Confined in darkness, Always thought it was my madness.

I Chinned up and opened op! Now that the role is reversed It's really hard I hope

> DARK YASTE TEXTS DESIGNAL ACADEMYS HAVING CAPTERS, CHESTON, No. NOTE: "Disting" PARIA May Common Book E. S. Stewn, Channel (1982). Website with the parial. In 1982 was married to improve parallel and





WE TRUST YOU: To Wipe Away Tears Of Teddy & Ors.



A PUBLICATION OF TAME NADIJ STATE BUSICIAL ACADEMY. POCSO ACT 2012 STUDY MATERIAL 2.0 OCTOBER 2021

Study Materials

- contains an explanation of provisions in the Act and Rules in simple language, landmark judicial precedents, and latest case laws, as well as the strategies to implement the legal provisions.
- incorporates a specific theme, to drive the essence and core message to the stakeholders.

ஒளி தகுவேன்

funcio- come syflerenin mydfillenin #Lidd weddamir territy antiganis, a. strong - aydisir a. mojaylika 60 ugob (purjekani) Endrare sociational poér organitá Bailir. dS ranky sucks, sucks, range

amount (Magy) Emises Eg@antil Américanis céani encomes (and, existingly existing filter gamma antiquit NudSplaggy fant mings. 6 Billion Recuire nests Reguneral

yein Bergli etini dhebango Sciencetic event Gaznicint Mignic mandá Sárpagá výlaki Válení pensing School avery Systems numbarn@Socidary Surve gubaced Socidania al. Grásiá Genesióansol σά κή εύπτούς per f. Oni. April 7 - article umake upskipski

> sings (Lie gouver your Biss Buil Barender edulus fuerticals

THE SAFE STATE STREAM ACCOUNT MAD DO OFFISE CHIEFLE to 1989), "Mallyn" Frid R. Asto, Georgesyn Bond, R. A. Parana, Chesnal. 1998(1)

Mark Kell Steel St Paler



A PUBLICATION OF

TAME NADU STATE JUDICIAL ACADEMY





Rights and Protection of LGBTOIA Community

потружения. SECTIONAL DESCRIPTION

Got away from near and dear. cause of the overwhelming fear. It was then the Guard asked me, Why should you have All their feelings in your heart! All along you were playing their alors It struck me and that was the ne It's their turn to fight that rope

> A PUBLICATION OF TARE, NADU STATE JUDICIAL ACKDOWY

BIFLDYSEXUAL ABOVE

IT'S NOT A SECRET





FOR CHILD WELFARE POLICE OFFICERS A PUBLICATION OF # LY 2022

DET MERE A BUTTORING She tresposed your load, Laid no to your Love!

I Managor to ret Fee of year torons and Eleaborard same plants

OR! Gordennel Do not uleand not put

Fee day later-1 General libe watch To protect my from hell

CBC Cardonics Crook and purt

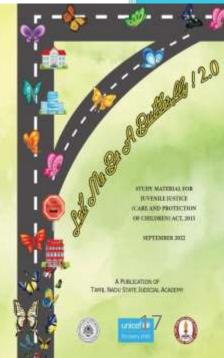
In a grant doubt Harrisg or vingo Comment typicand

CHI Carch week Believe no Levent!

Netting on Strong Letting out not In more of all right

Tooker to Fight. Marrow [may and Se a Batterffy!

THE WASCASSE STRUCK WASCASSESSED BOOKS



Audio-visual Aids

TNSJA promotes the use of posters, movie clippings, clippings from documentaries, original poems, music, and even original videos shot by the Academy, to effectively build a conscious based understanding on the subject. The participants are asked to share their thoughts after viewing the clippings and from there on, a discussion is moderated, regarding the right approach to be taken by the stakeholders.



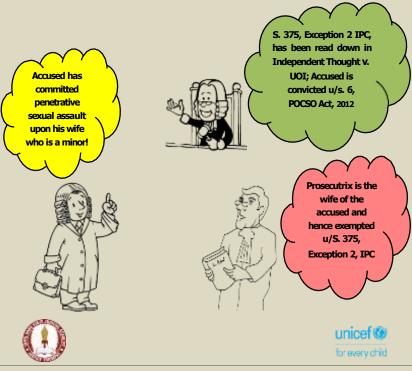
Who are you?





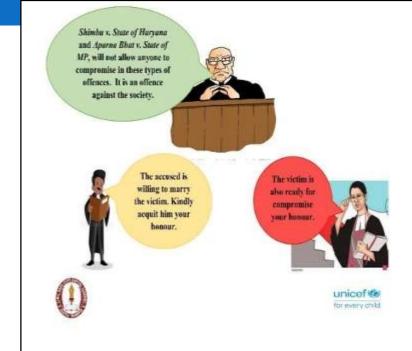


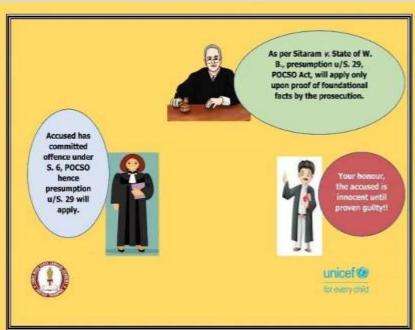




Audio-visual Aids

TNSJA also designs placards and posters for better understanding of the subject, and to enable the participants to easily memorize a concept. Participants are asked to comment on the posters and share their views on the same.









Engarding elithbran in those of most

Inappropriate actions even with good intentions may couse a damaging effect on children Identifying the suitable recourse is crucial for the child's wellbeing

- Develop empothetic listening skills
- ▶ Encourage children to be courageous in overcoming their fears.
- · Go not moral police the child.
- ➤ Do not engage in victim-shaming/blaming ➤ Do not proceed based on any assumption or pre
- ▶ Sive hope to the child that they will be
- and that their problems will be addressed.
- > Protect the confidentiality & privacy of the

Framptly report instances of child askual abuse Failure to report will make teachers liable to punishment, as per POESO Act, 2012.

- · Whether a child survivor or child in conflict with law enable them to have a renewed start.
- ▶ Endorse self-esteem and personal confidence
- · Continuously fullow-up on children and make them feel less detached from social interactions
- Provide a calm environment, minimize distractions, emphasize routines and recreate a

Building a Healthy Teacher-Calid Relationship





THANK MAKE MINING MARKET AND THE

SERVENCES OF ENGINE. SINVEYSOR

(Becomes of Sealesce)

Monstant on Protession of Gills Inches

Treat libeth strate Shelbild Josefany

विकासमा - १९९७ विकास



Handouts/ **Pamphlets**

- responsibilities & procedures in clear & concise manner.
- ✓ ready reckoner for stakeholders

School Codemicary of Streetman Occupate Statistical

- ▶ Follow the three Px Prevention, Protection and Parental Responsibility
- Be aware of the lows and regulations pertaining to child eafety and child rights. Respect the right of a child to grow in a safe environment free from neglect abuse, violence and explortation
- ▶ Respect the dignity, freedom and privacy of children. Provide guidance without control and freedom without reglect.
- ▶ Step into the shoes of a child/adolescent to understand their perspective. Imhibethoughtfulness, empothy politeness ensuring truthfulness and fairness.
- Emphasise the importance of children's mental health. Track children to regulate their emotions in a healthy manner.
- ▶ Keep a non-judgmental and supportive attitude towards children. He a positive rule model.
- Get rid of any implicit or explicit bias and discrimination based on children's social. economic or cultural background Promote sensitivity on neurodivergence, physical and intellectual disabilities.
- Promute gender sensitivity including queer identities and croste an all-inclusive learning atmosphere.
- Understand child psychology, and the agerelated concerns of children, teenogers and

Essues Inced by schoolichildren



Admidiging Velescolds edilebox

Manager to provide shall abstrated

Figure and train children on how to protect

▶ Spread awareness and train children on early

▶ Emphasise 'no-touch policy' among peers and

➤ Encourage open communication between parents

colleagues. Discourage any sort of physical fouch with children including patting, hugging

identification and reporting of grooming

themselves from abuse

behoviour

- ► A child may not explicitly disclose their abase or vulnerability, but may show signs related to their valnerability. Sudden change in behaviour, being moody.
- socially withdrawn, or being emotionally erratic crying, angry, aggressive, panic etc.
- Displaying demotivated attitude and suicidal tendencies. ➤ Impact on academic performance.
- Frequent absences from achool or school-
- ▶ Reluctance of child to participate in activities or interact with a particular person.
- Displaying signs of physical or mental illness.
- ► Including in age-inappropriate sexual behaviou
- ► Be slicht to the signs and symptoms of child victimisation. Do not ignore the small signs.

authorach an anadyang engine't / dodg don't arrow time highwest minus grows Marriadian Commercial



- augima mauaiu@gaiui...mpa agleg Contigrado
- don't fide expuddet specul iows Fortige deutocom April fills exposed one expense consequents
- சுழாப் பின்னனர் அறிச்சையைத் தயாரிப்படும் **SERVICIONIA GRESTIANI**



guagema

- вирота точной дерините с одганточной
- App element entended purhlages and Febru Bertogeliset.



- endumuuGgguurumge. Companion guphrasia Rober nu suadi desusa susantan
- Agreement an everyweek
- другов постантивации повет вубер попортива

des deprésentes au sus des libragio sheuman shipmouses congolores

- E MUZINOSMINI Cumilian enskeldige. digginant/aut
- · management CW2Outsub MANUFACTURE OF THE PARTY OF THE anteixitaerfreir.
- * authorage scenium new moves (S. mudicisacis Characteristics
- × autore de roa structure and the emistry rechanged in United Copyright wife.
- CONTRACTOR P grand apparent **SUMMER MEMBER** MALESTAN STREET STREET
- Captionships agn 8 specialization. **MUDICIPALITY** decargrap

- V et 8 9 Option west es four. 2016 Birth Light (BOOK Co. Many, Order Links) pulpassenso umagovėtus Biomodius enquicateur
- expenses more day AUSBOURGER BERFFELSENDE Фрационай альтриговый Ogr/fratu/Nosex
- Y makement FIR lugge decision probably masses susprise management.
- V many Smith bullets, worken night Aug/Dignit Linguis resent Lib (Dureffin) dybinoubit passe agriceriad. V mounts from marginist to come
 - S.P.// euphros sky surrenty eugamo puis gramostin arugida projections Optioners Germanisate, Ocytaniserablet Guega Studifficial photogy unganitatives; BOAR HORAS
 - V company n. net. **PLONE PULLIFICATIONS** sectioner, GarcosGago Gogs meanages mosesteeus ougranteeus
 - V motorcona Summer to a next disprise conduct, would underly the General Applications of the Contraction of the Cont







என் கதை கேளுங்கள் !

அது மாற்றத்தை ஏற்படுத்தும்

LISTEN TO US!



dente me tion county அனுவக்கான சிற்றேக

Mile alleranement of Miles No GE Particulations **Bascon** different Monarie MALEST MORNEY CAND man proprietion FIR CONTINUES SHARING primar to d'Greet SECRETARIOS COM - SAMONES e.igmigrationic ILLUSTRATION IN marrie stdietil 24 word Contident CITY SATISFACTOR OF THE PARTY O Physicana / expenses NAME AND ADDRESS OF THE OWNER, WHEN PERSONS MARKET OF STATE OF STREET

கழக்கையை கையகப்படுக்குகல்

na ma neir a gogal stampioqueir espierosetér suferioreme emiderági urganiqui

marriagenia per nemais responsabili

description accumentation deposits possessed their

- 2. ишабра гретпертай агріцірі мацелиўаріны. autimann: 24 mat Brostown April Adia grant
- grain disentu@ggrainals. difrig. 10. JJ Act. 2015 different LEAST, 2015 - WALMER SASTERE SUSSINSIANT Guidgruphia and Carefulinini
- 4. uprofilisi sajapa urajanisi Damosischii aspiraansu augimignic park aupidite gran dawit (Bégrand). - Ulries St. JJ Act. 2019
- 5. Liptulis 1 Bids op acadescells provincia, epigeneschilis rypnik demonant ergismaanud purritio Georgia. inld 20vii undif elidesi. 2016)
- 6. ацінтрантіва нішти африннопіці нітриних Continue Commission
- 7. digit differs intercologii n.iim gujimgeddir. piorit Venufuner eliceunisetti unicci, auptimparit инделиц яков, бого ббо вирий изори вироиле contributering Deutschrind

- it applies again and again pentil eccionente dynamiquese gandermia Gestigu@riesis
- 9. Auchimographic ordered ordering white your paper dytamo udaj similuriam. - difej d(i) izligili di)), JUAN 2015
- to avidentesium author umatici fryslanios. surfair, paturer puter. especialistic energialistic especiales исцифията Врубить Опитары исцифиять Ogrania Tambantak
- diffequir индерхидентивной и самирый рыпраз Вирлини.
- 12. Ferri 554 depuis vergui deplangam 30A agridos on agricomu on padigire and/ sedurier purilio Ropa uprenguigos unnounde autorise
- is urganite urgan undestical Biglion elevical the edepurisation their field exposit untiral especial peak especial amortant
- list exposesses memorphists process special PLAGRICAN







Institutional & Interdepartmental Collaboration



Dr. C. SYLENDRA BABU Director General of Police, TN

Mr. G. KUMARESAN
Social Policy Specialist
UNICEF Office for TN & Kerala

Mrs. S. VALARMATHI, I.A.S., Director, Dept. of Social Defence Secretary, State Child Protection Society, TN

- ✓ Collaboration with UNICEF and various departments under Government of Tamil Nadu
- ✓ Enhances the human and material resources for training

Multistakeholder Convergence

- ✓ TNSJA brings together judicial officers, police officers, prosecutors, medical professionals, Spl.PPs, panel lawyers, DLSA officials, CWC Members, DCPO, Childline coordinators and school teachers under a single forum enables exchange of information and best practices
- ✓ improve coordination amongst the stakeholders, and has shown significant positive results
- ✓ Imparting training to teachers as Key Resource Persons curtail child sexual abuse in schools





Activity based on critical evaluation of Participants' judgments

- ❖ Participants will be given practical exercises to frame charges/issues. The premise for the activity is derived from the judgments submitted by the participants to TNSJA for critical evaluation.
- *The activity will be followed by a thorough discussion, wherein the Moderator will share the best practices to be followed while framing charges/issues.

Interactive Activity – Appreciation of Evidence

- * Case studies will be framed based on the critical issues found after reviewing the judgments written and submitted by the participants. Questions from the case studies will be posed to the participants, who will in turn submit in turn submit their responses through a Google Form.
- A discussion will be moderated wherein the participants will explain the reason behind their answer.
- * Through this discussion a consensus regarding the right answer will be arrived by the participants, after which the right answer will be displayed. The art of appreciation of evidence will be showcased through such interactive exercises.

Case Law Presentation – Challengers and Defenders

- In this session, each case law will be assigned to a presenter and a team of challengers and defenders
- Following the presentation, the challengers would raise questions critiquing the judgement
- The defenders have to respond to the challengers and defend the judgement
- Promotes critical thinking and reasoning skills
- Develops a mindset of logical inference

Mock Trial

- To improve the efficiency of judicial officers, a mock court is set up in the premises of the Academy. The staff of the Academy are made to play the role of parties, witnesses and staff of the mock court.
- The participants will be asked to take turns as the presiding officer of the mock court, record depositions, hear arguments and pass judgements. The participants will be advised with the finer ways of recording evidence correctly.
- The best methodologies/practices for recording of evidence are demonstrated through such activities.





Judgment Writing - Review, Pointers & Tips

- The participants will be given feedback on their judgments, to enable them to write judgments with more precision and efficiency.
- The participants will be given brief pointers by the Mentor, with a view to enhancing the quality of judgment writing.



Post-Training Impact Assessment

- ✓ Continuous assessment of the application of the training takeaways
- ✓ Direct feedback from participants
- ✓ Review of judgements, orders, depositions, questioning under Section 313 of CrPC, in the post-training period.
- ✓ Use inputs to improvise future training.

District Study Circles

- ❖Virtually inaugurated in all 34 districts of Tamil Nadu and Puducherry, by the then President, Board of Governors, TNSJA and the then Hon'ble Chief Justice, High Court of Madras, on o9th July 2021.
- Stimulate the thirst for knowledge amongst the members of the Bar
- ❖ Promotes discussions about the law, legal philosophy, substantial and procedural issues in the legal system.





PART III

AI and JUDICIAL EDUCATION

(Nine Points and Three caveats)

Nine Points:

1. Case Analysis, Precedent and Legal Research:

This is perhaps, the most prolific area for harnessing the benefits of Al. Al can assist judges in analyzing past legal cases and precedents, helping them understand how similar situations were handled previously. Natural Language Processing (NLP) techniques can be employed to extract relevant information from legal documents and summarize key points, thus providing judges with valuable insights for their decision-making process. A case in point is ROSS which is an Al-powered legal research platform that uses natural language processing to analyze legal documents and provide relevant case law and precedents. Closer home, of the same kind, is AMICUS, a GPT (Generative Pre-trained Transformer) powered Al-driven research platform run by CASEMINE.

In 2016, the European Court of Human Rights launched the HUDOC-EXEC project, which uses AI to assist judges in analyzing case laws. The system automatically identifies relevant legal concepts and extracts key information from legal documents, helping judges access relevant precedents more efficiently and quickly.

The Singapore Academy of Law developed the 'SGJudgments' AI platform, which uses machine learning algorithms to analyze legal judgments and identify relevant case laws. This platform helps judges conduct legal research more effectively by providing them with comprehensive and up-to-date information on legal precedents.

2. Predictive Analytics:

This is another area where AI can be used to educate and train judges to assist them in achieving quicker and effective decision-making. AI algorithms can be trained on historical case data to predict the outcomes of similar cases based on various factors such as case law, judicial decisions and contextual information. By analysing patterns and trends, these predictive models can help judges assess the likely consequences of different legal arguments and make more accurate judgments. Data bias is an obvious caveat but this can be ironed through continuous training and updation.

A good example of this kind is *Lex Machina* which is an AI platform that provides predictive analytics for legal professionals. It analyzes historical case data to predict case outcomes, trends and judicial behavior. Judges can use Lex Machina to assess the likely consequences of different legal arguments which helps them in making more accurate decisions.

In the United States, some courts have started using AI-based tools to predict case outcomes and assess the likelihood of recidivism. State of Wisconsin's use of the COMPAS (Correctional Offender Management Profiling for Alternative Sanctions) system. COMPAS, developed by Northpointe Inc. (now part of Equivant) is a widely-used risk assessment tool that utilizes Al algorithms to analyze various factors related to convicts / accused in criminal law and predict the likelihood of reoffending, i.e., recidivism. It considers factors such as criminal history, age, employment status, education level and substance abuse history to generate risk scores. While these tools are primarily used by probation officers and parole boards, they can indirectly influence judges' decisions by providing additional information about the risks associated with certain categories of offenders.

3. Virtual Simulations and Case Studies:

This is a potential area for harnessing AI in training and educating judges. AI-driven virtual simulations and case studies can provide judges with immersive learning experiences, allowing them to practice their decision-making skills in a risk-free environment. A second bite at the Cherry is always a huge advantage in training in simulators when it comes to air pilots and judges are no different. These simulations can simulate real-world courtroom scenarios, presenting judges with complex legal dilemmas and challenging them to apply legal principles effectively.

A good example is **Harvard Law School's Case Studies Program**: Harvard Law School offers interactive case studies that simulate real-world legal scenarios. Judges can use these case studies to practice their decision-making skills and explore ethical dilemmas in a controlled environment

4. Reduce processing time for judgement writing: Training and educating judges to use Al could drastically reduce the workload for disposing of cases which follow a template pattern. It has been demonstrated that Al can help judges in the generation of these templates saving considerable time. Motor accident cases are a case in point.

As Chief Justice Sundaresh Menon pointed out in a bar lecture last year, AI can be effectively harnessed to quickly dispose of simple civil matters that do not require significant normative judgment but involve largely arithmetical issues that can be appropriately resolved through the application of common patterns. To notice a recent example: IBM worked with the Frankfurt District Court to successfully test an AI system known as "Frauke" (Frankfurt Judgment Configurator Electronic) for air passenger rights lawsuits where between 10,000 and 15,000 cases related to passenger rights (e.g. cases related to delays) end up at the Frankfurt District Court every year. Judges were being burdened with repetitive task of collecting relevant data and in the end, repeatedly write almost identical judgements. Frauke extracted the case-individual data (including flight number and delay time) from the pleadings and in accordance with the judge's verdict it has helped expedite the drafting of the judgment by using pre-written text modules.

5. Managing work load: A look at German courts: This is an area for potential use. A part of effective judicial training involves the process of equipping judges with the relevant tools to handle their Courts and dockets. In recent years, German courts have received an unprecedented flood of proceedings that have overwhelmed the judiciary and resulted in delayed proceedings, hearings and outcomes. At the Stuttgart Higher Regional Court in Frankfurt, judges working on these cases were soon faced with a backlog of more than 10,000 cases. Unfortunately, the courts didn't have any technology initially to cope with the volume of cases. Most of their work was done manually and was highly repetitive. The judges had to spend hours reading long electronic pleading files in the proceedings. The documents could be hundreds of pages and usually differed in only a few case-specific features.

The Ministry of Justice in Baden-Württemberg recommended the use of AI with natural language understanding (NLU) and other capabilities to help categorize each case into the different case groups they were handling. The courts needed a transparent, traceable system that protected confidential data.

IBM created an AI assistant named OLGA that offered case categorization, extracted metadata and help bring cases to faster resolution. With OLGA, judges and clerks could sift through thousands of documents faster and use specific search criteria to find relevant information from various documents. Additionally, the system would provide information on the lawsuit to contextualize the information that surfaced from the search. The algorithm preserved the case history and gave users a comprehensive view of all the information for the case and where it originated. The judges were relieved of highly repetitive tasks and could concentrate on the complex issues. It is estimated that the processing time of cases can potentially be reduced by over 50%.

6. Feedback and Evaluation Systems:

All can be used to provide judges with personalized feedback and evaluations on their judgments and decision-making processes. Al algorithms can analyze judges' written judgments, assess their dispositive reasoning, legal propositions in support of the same and provide constructive feedback for improvement. These feedback systems can help judges enhance their writing skills and decision-making abilities over time. An example is the Opus 2 Magnum which is an Al-driven platform designed to assist legal professionals, including judges, in managing and analyzing case-related information. While primarily used for case preparation and presentation, Opus 2 Magnum also offers features for evaluating and providing feedback on judicial performance.

7. Continuing Education and Professional Development:

Al-based educational platforms can offer personalized learning experiences tailored to the specific needs and interests of judges. These platforms can deliver interactive courses, tutorials and assessments on various legal topics, enabling judges to enhance their knowledge and skills at their own pace. An example is the American Bar Association (ABA) online courses and webinars on various legal topics, including judicial education. Judges can access these resources to enhance their knowledge and skills and stay updated on recent legal developments.

8. Al-Based Training Modules:

Judicial academies can develop AI-based training modules on various legal topics relevant to judges. These modules can include interactive tutorials, quizzes and assessments designed to enhance judges' knowledge and skills. Al algorithms can personalize the learning experience based on judges' learning styles and areas of interest. As some of us are perhaps aware, Thomson Reuters offers an Al-driven legal education platform that provides online courses, tutorials and resources for legal professionals, including judges. While not exclusively designed for judges, the platform covers a wide range of legal topics relevant to judicial education, such as case law analysis, legal research, and courtroom procedures.

9.Language Translation and Interpretation:

This is another important area where AI could be harnessed. AI-powered language translation tools can help judges overcome language barriers by providing real-time translation of legal documents, testimonies and proceedings. This capability can facilitate communication and understanding in multicultural and multilingual legal contexts, ensuring fair and effective administration of justice.

In multilingual jurisdictions such as Canada, Al-powered translation tools are used to facilitate communication between judges, lawyers and litigants who speak different languages. These tools help ensure that everyone involved in legal proceedings can fully understand and participate in the process.

Three Caveats:

1.Not synthetic computer cognition: All is also a software application but when it comes to training and education of Judges, the USP [Unique Selling Proposition] of AI is that it mimics human brain. When it is said that AI mimics the human brain, there is a tendency to believe that it is synthetic computer cognition. I would respectfully submit that it is not 'cognition' in every sense of the term as Algorithms however rich they are set of pre-programmed instructions and therefore, it looks for patterns in the data mine. Cognitive skills of a human mind cannot be limited to looking for patterns. This caveat becomes very relevant when AI is used in education of Judges qua adjudication.

2.Disgorgement: After using Al for some time while making training module, if it comes to light that the results are not as accurate as desired, one may embark upon the exercise of making the algorithm richer. This exercise may face difficulties of shadows wherein it is difficult to erase an algorithm. Disgorgement may be an area of challenge in constantly improvising AI tools used in training and education of Judges. After all 'knowledge is dynamic'. When knowledge gravitates a little away from being dynamic, it would effectively be gravitating towards becoming static.

3.Cyborg Judges and not Robot Judges: When we examine the potential of AI in training and education of Judges, it has to be borne in mind that the focus is always on Cyborg Judges, i.e., part human part machine and not Robotic Judges. On this Cyborg and Robot aspect, one can look at Estonia, a small country in Europe with a robust legal system. It has a AI system in place to decide suits upto the value of 8000 Euro. In other words, such suits are decided solely through machines with no human intervention but there is a provision for an appeal to human agency. Therefore, if you look at these two tiers of adjudication in combination, they provide a Cyborg scenario as opposed to a Robotized system.

State v. Loomis [881 N.W.2d 749 (2016)]

Judgment of Supreme Court of Wisconsin (USA)

Al tool by name COMPAS [Correctional Offender Management Profiling for Alternative Sanctions) which is used for recidivism by prison and parole authorities was used for sentencing in a drive-by shooting case. Northpointe, Inc., now part of Equivant which created Al tool was not permitted to intervene and it was held that 'consider and rely' should not be used interchangeably. In other words, as regards, Al, you can consider but not rely.

State v. Loomis [881 N.W.2d 749 (2016)]

129 However, the question presented on certification is whether due process prohibits circuit courts from relying on COMPAS, and then the majority opinion's answering that question in the negative, even though it employs the word "consideration," may cause the majority opinion to be read as permitting circuit court reliance on COMPAS. Stated otherwise, rather than merely considering COMPAS as one of many factors relevant to sentencing, the majority opinion, due to its interchangeable use of "rely" and "consider," together with the certified question, may be read to permit a circuit court to rely on COMPAS to determine the appropriate sentence. Reliance would violate due process protections. Accordingly, I write to clarify our holding in the majority opinion: consideration of COMPAS is permissible; reliance on COMPAS for the sentence imposed is not permissible.

THANK YOU